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S1	36	(CONFIRM? OR VERIFY?) (S) (THUMBNAIL (5N) IMAGE??)
S2	17215	PRINT (10N) ORDER
S3	0	S1 (S) S2
S4	0	S1 AND S2
S5	211675	(CONFIRM? OR VERIFY? OR ASCERTAIN?) (S) ORDER??
S6	25168	(THUMBNAIL OR TINY) (10N) IMAGE??
S7	6	S5 (S) S6
S8	4	RD (unique items)
S9	143	S2 AND S6
S10	86	RD (unique items)
S11	6	S5 AND S10
S12	6	RD (unique items)

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S3	0	S1 (S) S2
S4	0	S1 AND S2
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S8	4	RD (unique items)
S9	143	S2 AND S6
S10	86	RD (unique items)
S11	6	S5 AND S10
S12	6	RD (unique items)

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**Special Report: Inside Windows Me Beta 3. (News Briefs)**

Finnie, Scot; Methvin, Dave

WinMag.com, NA

May 4, 2000

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**TEXT:**

System File Protection, System Restore, Movie Maker, and a newer version of Media Player are just some of the stuff we banged on to give you a first-hand look at the next version Windows. By Scot Finnie and Dave Methvin May 4, 2000 icrosoft wants you to believe that Windows 2000 is the first and last version of Windows for business. That's why the company is placing so much emphasis on Windows Me's "consumer oriented" feature set -- which boils down to several types of system protection, simplification of thorny processes, better dialog and help screen explanations, and new support for digital media services, as image scanning, audio and video, and online gaming. But don't let Windows Me's silly name throw you. This is Windows 98 Third Edition, with an emphasis on problem prevention and digital media. Unless Microsoft drops the price on Windows 2000 Pro, we suspect that many small businesses will look at Windows Me as a way to save money while keeping pace with the latest hardware technologies. The new "PC Health" features in Windows Me may also help small businesses prevent or solve technical problems on their own, which could help boost productivity. When you get right down to it, Windows Me is every ounce as useful as Windows 98 has been in a business setting, and it manages to deliver a few of Win2000's advances in the bargain. We think a lot of businesses will opt for Win2000, and that's fine, even preferable. But a lot of other business people will prefer this less drastic upgrade path, at least for now. Time will tell. Windows Movie Maker is the most visible addition to Windows Me Beta 3, and it truly is a consumer feature. A new version of Windows Media Player adds several other visible changes. But the real heart of Windows Me is the set of features Microsoft marketers call "PC Health," which include System File Protection and System Restore. In Beta 3, these new protection services have gotten real enough for us to really take them out for a test drive, and then some. And we'll tell you what we found. There are also changes to the way you boot to DOS that Microsoft is making a mistake on. Plus a redesigned Help system -- really, no joke. Some of the other features include AutoUpdate, the automated version of Windows Update you'll either love or hate; IE 5.5, and the Home Networking Wizard. Seeing what it looks like is half the battle in getting to know a forthcoming operating system. In the guided tour of Windows Me that follows, click any of the **thumbnail images** to see the full-size version up close. Setting a Baseline (click image for expanded view) The cascading Control Panel is one of a long list of user interface improvements also found in Windows 2000. Winmag.com has reported fairly extensively on Windows Me in the past. You may be pleasantly surprised (or annoyed) by several user interface changes in Windows Me, for example, but none breaks new ground. Like Windows 2000, Windows Me has "personalized menus" and an extended set of Start Menu controls that offer features like a cascading Control Panel. Because the interface is literally the same as Win2000's, we'll point you to a previous discussion of Win2000's user interface for the details. Windows Me also nearly mirrors our list of four user interface changes we don't like about Win2000. (Unlike Win2000, Device Manager stays where it was. Also, Win Me's Network Properties settings are much easier to use than Win2000's.) All in all, the welcome user interface changes outweigh the not so welcome. But

you're not likely to get real excited the changing face of Windows either way. Win2000 and Win Me represent nothing more than a touch up of the Windows 9x interface. Our review of Windows Me Beta 2 still holds together nicely. Because that story, released late in December 1999, covered a lot of ground that hasn't changed since we wrote it, please consider it a companion piece to this story. In other words, we're writing about what's new in this story. If we already said it, and if what we said is still true, you'll find it in that previous story. During the testing for this story, we received three different builds of Windows Me. The first was a late pre-release just before the official Beta 3 release. Then there was Beta 3 itself. And last week we received build 2513, a post Beta 3 release. (click image for expanded view) This is the first setup screen most Windows Me buyers will see. Our testing involved numerous PCs, over several weeks. Winmag.com consciously chose to spend significant time working with Beta 3 instead of issuing yet another 24-hour "hey it's great beta 3 story," as some of our competitors opted to do. Waiting also gave us the advantage of being able to test the final beta version of Windows Media Player 7.0, which adds several features and enhancements. Primarily, we focused on upgrade installs for this story, since those are harder for an operating system than a clean install. There's very little to say about Windows Me's Setup program, other than that it works. Better than most. It also takes longer than Windows 98's Setup program took. It labors and labors, and restarts and restarts. But when you get done with it you'll encounter something novel: fewer problems. At least that's been our experience. We have also uninstalled the Windows Me Beta back to Win98, SE, Win95, with barely a hiccup. That's an accomplishment for a beta OS. Of course, your mileage could vary. (Watch for a full-fledged Windows Me installation story in our ongoing "Essential Guide to Installing Windows" series when Me ships later this year.) PC Health (click image for expanded view) The new Help Center replaces the old Windows Help facility. It's been redesigned and improved in many ways. The most important features in Windows Me aren't really new since Beta 2, but they've been improved to the point where we could really put them through their paces. "PC Health" is Microsoft's catchall marketing term for everything about Windows Me under the hood that serves and protects the user experience. Very little of PC Health is all that visible, but forget all the marketing hype for a minute. These are the changes that really matter in this version of Windows. Hibernate and restore are part of the PC Health bundle of features, even though they have little to do with the health of your PC. Hibernation, which we wrote about for Beta 2, is more picky about the PCs it shows up on. None of our test machines found the "Hibernate" option from the Shutdown menu running Beta 3, whereas some of them had shown it previously. On short notice at press time, Microsoft wasn't able to provide useful info about what criteria Windows Me's setup program uses to judge whether Hibernate will be available on your PC. System Restore and System File Protection are the two most important facets of PC Health, and we'll get to them shortly. Another new feature is something Microsoft calls the Help Center, the new structure you get when you choose "Help" from the Start Menu. The Help Center offers the Tours and Tutorials tab, which, surprise, provides a long list of tours and tutorials. But this is better than Windows of yore. Instead of having to sit through mind-numbing software "movies" showing you how to do something you already know how to do, the Help Centers tours and tutorials let you interactively click to find illustrated information about things you haven't tried yet. Many actually link out via the Internet to gather the latest information. But the main thing is, you control the pace and direction. A much better way of doing things. Help Center's Home tab offers an interactive topic-oriented search for help information, letting you tunnel into the database of Help articles by categories and feature areas. There's also a searchable Index area. (click image for expanded view) System Information's System History is a hidden gem in Windows Me. There are also myriad new troubleshooters sprinkled throughout the Help system

that also come up in context. The Help Center, for example, steps you through the process of using Safe Mode when that becomes necessary. Although the Troubleshooters are improved, they're not perfect. When resuming from standby mode on one of our notebook test PCs, for example, we consistently got a blue-screen error. So we employed the Power Management troubleshooter, which could only suggest that we look for messages in a log file called SUSFAIL.TXT. That's great if you have that file on your system, but it wasn't on ours, and the troubleshooter didn't have any other suggestions. A hidden -- really hidden -- Help Center gem is the new system information tool. It's listed in the Troubleshooting section on the Help Center Home tab (or you'll find it on Start > Programs > Accessories > System Tools > System Information). The main screen looks almost exactly like Windows 98's System Information utility. But there's a big new feature. If you select View > System History from the menu you get an entirely different view that shows you all the changes made to hardware and software during a time period you specify. Assisted Support One of the more ambitious parts of the new Help Center is the Assisted Support tab. Microsoft has created an interface that third parties can use to add their own support to Windows. The most likely takers on this will be the top-tier vendors such as Compaq, Dell, Gateway, and IBM. But any vendor -- hardware or software -- can add an interface to Assisted Support. At the moment, Microsoft is using the feature so that beta testers can file bug reports. (click image for expanded view) Help Center's Assisted Support tab is designed to let third-party vendors, such as PC makers, add customized support info specific to your PC. For a vendor, the advantage of Assisted Support is that it automates and standardizes the method for people to report problems and ask questions. When you send in a request for support, it's accompanied by a summary of your PC's configuration and a list of recent changes that have been made. (A scheduled task called PC Health Scheduler for Data Collection collects the data at regular intervals and saves it in the C:\Windows\PCHealth\HelpCtr\DataCol folder.) The vendor must write or purchase the software to handle the incoming requests, store the data on their server, and do whatever processing might be required. A simple implementation, for example, might just send the information to a technician by e-mail; an advanced system could compare the data to known problems and solutions, sending an automatic response for those cases. It will be interesting to see the PC industry's reaction to this feature. Building the back-end infrastructure to deal with Assisted Support requests -- or adapting an existing customer support system -- could entail significant cost. It's likely that at least some vendors will be able to use this feature as a competitive advantage. Anything that makes good support easier to find is a long-term plus. System Restore Sooner or later, most of us wind up installing a program we immediately regret having installed; one where the program messes up crucial files, the registry, or probably both. System Restore (SR) lets you escape from this situation and roll back your system to a point in time when it was working properly. Unlike image backups and restores, SR only restores program files and registry settings. Any files in the My Documents folder will not be affected, nor will files with well-known data file extensions such as .HTM, .DOC, or .XLS. (click image for expanded view) This dialog found in the System Control Panel lets you adjust the amount of disk space System Restore can use. If you have more than 200MB of disk space free when you install Windows Me, System Restore will be enabled. If not, SR is turned off and you have to turn it on manually. If free disk space drops below 200MB when SR is turned on, it will temporarily self-disable until free space climbs back above 200MB. You can change the amount of disk space used for SR, or manually enable/disable the feature on the Start > Settings > Control Panel > System > Performance > File System dialog. Nearby on the "Troubleshooting" tab, you'll also find a new option that lets you disable System Restore. System Restore takes its system snapshots, or "restore points," automatically whenever the PC has been on for over 10 hours,

whenever it's been more than 24 hours since the last restore point was created, just prior to when a AutoUpdate installation is performed, or when some newer application-install programs run. SR waits until your system is idle for at least five minutes before starting to create a restore point. You can also force the creation of a restore point on demand by choosing the "Use System Restore" link on the Help Center's Home tab. System Restore (continued) A second way to use SR is from the Windows Me emergency boot floppy disk that you either create during installation. You'd probably choose this option if you couldn't get Windows to boot from the hard disk. When you boot from the floppy disk, you get a menu that lets you restore the last restore point. This is similar to the "last known good" option from Windows NT or 2000. It's puzzling, though, why Microsoft hasn't included the same functionality on the Windows Startup menu, the character-based menu of boot options that opens automatically in the event of some types of Windows difficulties. (click image for expanded view) Bold dates on System Restore's restore calendar show days for which restore points are available. In keeping with the Windows Me don't-worry-about-details philosophy, those two features are the entire user interface for System Restore. There's no easy way to see what files were changed in a particular checkpoint. That's probably just fine for the average home user, but most savvy users want to know a bit more about what's going on. Knowing what files and settings have changed between two checkpoints, for example, would make it much easier to determine what caused a particular problem and find a workaround less drastic than totally backing out all changes. That said, you can dig a bit inside SR's private data to see what it is saving each time it creates a restore point. First, make sure you go to Explorer's Tools > Folder Options > View and turn off all the Hide options, including the new "recommended" and default option that disappears operating system files. Next, open the C:\\_Restore\Archive folder and you can see the .CAB files that SR creates when a restore point is made. You can find a complete list of extensions that are considered data files -- and thus not included in restore points -- inside the file C:\Windows\System\Restore\FILELIST.XML, which opens with Notepad. System File Protection Ever since the days of Windows 3.0, people have been vexed by the problem known as "DLL Hell." The malady occurs when misbehaved application-installation programs replace new DLLs with old or incorrect versions of the same system files. The result is often a mysterious collection of crashes or improper behaviors everywhere but in the offending program. A result that's never been fair, and which has tended to breed the problem. If you install a program that was originally designed for Windows 98 in Windows 98 Second Edition, and it installs system files, you've got the beginnings of DLL Hell. People who install and uninstall a lot of programs are more apt to get bitten. Windows 98 introduced the System File Checker (SFC) as a potential solution to the problem. But it proved nearly useless in practice because SFC was primarily intended to restore files from the original Windows 98 CD. With Windows patches and updates arriving almost daily via the Internet, the versions of many DLLs on a Windows CD go out of date very quickly. There were even some issues on the original Win98 CD that caused SFC to introduce problems that weren't originally there. In Windows Me, Microsoft is making another, better try at curing DLL Hell once and for all. System File Protection (SFP) gets tough with applications that try to change important system files, and it can even protect users from their own bone-headed mistakes. The SFP utility constantly monitors a long list of important system files for changes, and automatically backs out of any change made to them. If the file is deleted, SFP will put it back. If the file is replaced with a old version, SFP will remove the bad file and put back the authorized version. In the real world, SFP could potentially make a few applications less reliable. Any application that overwrites a system DLL may need that particular version, even if a later version is available. In most cases, the blame for these problems lies not with Microsoft, but with the application vendor. Newer versions of a DLL are

almost always backwardly compatible with older ones, but the software maker may have been depending on some undocumented behavior in the old DLL. When SFP kicks in and replaces the old DLL with the newer one, the application may stop working or crash. It's a tough-love situation, but Microsoft has made the right choice. It's much better to have a working operating system with a broken app than a broken operating system with one working app. DOS Boot Even in Windows 98, DOS wasn't a very high-profile item. No wonder, the last major DOS applications were written a decade ago. Perhaps that's why Microsoft felt comfortable going further to disable and hide DOS in Windows Me. You can still run most DOS applications from within Windows, but there is no longer a "Restart in MS-DOS Mode" option on the Shutdown menu. (You can still shell out to a protected mode DOS window.) Also, the "Command Prompt Only" option on the Windows Startup menu -- the character-based boot menu that appears when you depress and hold Ctrl during system starts -- has been removed. The only options on the Windows Startup menu now are Normal, Logged, Safe Mode, and Step-by-step

**Confirmation** . If you want to just get to a command prompt without starting Windows Me, your only clear option is to boot from the Windows Startup floppy disk and select the "Minimal Boot" option. There are also changes to DOS utilities. If you type Format /s it says the feature is no longer supported. If you type sys /? it says the only drive supported is C:. Given that Windows Me is the end of the Windows 9x line, there wasn't a lot of reason to remove these almost-invisible features. So why were they given the heave-ho? One possible reason is that they sometimes depend on the existence of legacy hardware features. By eliminating the need to support ancient hardware standards such as VGA, it should be possible to reduce the cost and complexity of both the hardware and software. Still, we think Microsoft is making a major mistake that sooner or later could cause thousands or even millions of Windows Me users grief. We urge the company to reconsider this plan. If nothing else, notebook PC users the world over just got a new reason to carry that floppy drive with them when they travel, instead of leaving it behind as many of us do. Making and keeping handy a Windows Startup floppy disk (or CD) will be a lot more important under Windows Me than any previous version of Windows 9x. As with previous version of Windows 9x, Windows Me's setup routine offers to create the startup floppy. If you canceled out of that process, or if you lost your emergency boot disk, navigate to this dialog to make one: Start Menu > Settings > Control Panel > Add/Remove Programs > Startup Disk. Insert a new floppy disk and press the "Create Disk" button. --D.M. System File Protection (continued) (click image for expanded view) This document shows the list of files safeguarded by System File Protection. As a simple test of System File Protection, we tried a few mischievous things with important files. First, we deleted the ARIAL.TTF file from the C:\Windows\Fonts folder, a required system font. Mere seconds later, the file reappeared in the folder. When I checked SFPLOG.TXT, it indicated that SFP had replaced the file. Impressive. I did notice, however, that the replacement file had a modification date of the current date, instead of the original file date. That's either a bug or a feature, depending on how you look at it. Next, we experimented with a frequently clobbered file, COMDLG32.DLL. This DLL handles the chore of displaying file dialogs (open, save, print, etc.) for many applications. Since this file is in almost constant use, it can only be replaced when the system is rebooted. To test whether SFP would catch this type of replacement, we set up the WININIT.INI file so that the old Windows 98 version would be installed on the next boot. When the system booted, SFP examined the WININIT.INI file, realized that the COMDLG32.DLL file was actually older than the one already installed, and blocked the update. We were again impressed. Dare we say this? It doubtful that the condition known as "DLL Hell" will flourish, or even survive, under Windows. now that both Windows 2000 and Windows Me can automatically protect system files in this way. Inside SFP One thing we don't like about System File Protection is that it doesn't notify you when it detects and repairs a



problem. Microsoft says that its target market, home users, wouldn't know what to do with a notification about an SFP correction event. And they're probably right. Still, we'd like to see more information available to experienced users (whom we believe are in much larger number than Microsoft seems to notice). (click image for expanded view) System File Protection doesn't have a user interface, but you can see what it's been up to by viewing its log file. What experienced users will find is a well-hidden SFP log file that, unfortunately, doesn't keep track of enough information to really help you figure out what installing app may have caused a problem. So it's hard to establish a cause-and-effect relationship between misbehaving app installations and SFP's efforts to protect important system files. Even though knowledge about SFP actions might be valuable in troubleshooting application problems, that aspect isn't even mentioned in the Help Center troubleshooters. It's as though Microsoft believes that this is a black and white situation, when really there are many shades of gray involved. Applications overwrite system files for a variety of reasons. And there are several types of trouble to be had. System File Protection is an unseen hand automatically at work on your PC. You can't see it, or even configure it. What you can do is examine a few files in the C:\Windows\System\SFP folder. The file SFPDB.SFP contains the list of files that are under SFP's protection, the checksums SFP uses to determine whether files are valid, and the names of the CAB files that contain the authorized versions of the protected files. The SFPLOG.TXT file shows all actions SFP has taken, such as replacing unauthorized versions with correct ones. In searching through the registry, we did find a setting that would seem to provide more direct feedback about SFP activities. The key:

HKLM\Software\Microsoft\Windows\CurrentVersion\SystemFileProtection\ShowPopups exists in the registry, set to 0 (or "off") by default. We tried setting it to 1, but unfortunately saw no change in the behavior of SFP. Perhaps Microsoft will turn this function on for more experienced users. AutoUpdate (click image for expanded view) When an update is available, AutoUpdate puts an icon in the System Tray and displays a message balloon. With Windows 98, keeping your system up to date means frequent visits to Windows Update. Windows Me can take over that drudgery by regularly checking for and downloading any relevant updates. When an update is ready to be installed, you'll see a taskbar icon and a balloon message saying so. When you click on the icon, it will ask if you want to apply the update. If you were bitten by a bad update in Windows 98, Auto Update should be a safer bet with Windows Me. The system always does a System Restore checkpoint before applying an AutoUpdate, so if you encounter problems you can simply back out using System Restore. Microsoft's Windows Me program manager David Ursino also reports that AutoUpdate will only focus on "critical updates," and that Microsoft may narrow that definition. Windows Update will continue under Windows Me. As with many of the other new features, Microsoft seems to have opted for a streamlined and nearly information-free process with AutoUpdate. During the beta test period, no actual information seems to be transmitted with any of the several Auto Updates we "received" and were prompted to install by a pop-up balloon emerging from the System Tray. So it's tough to gauge whether this feature will really be useful. The sample updates don't even show what an actual update might look like. (click image for expanded view) AutoUpdate is configured through Control Panel > Automatic Updates. Nearly all Microsoft updates, for example, have one or more corresponding Microsoft Knowledgebase articles that explain the reason for an update or patch. Those articles should be a standard part of documentation made available to anyone using Auto Update so they can decide whether to apply an update. By default, Auto Update automatically downloads all available patches, and asks for permission to install them. In the new Auto Update Control Panel, you can also configure it to not download automatically, or to just not bother you at all. Bottom line, the PC Health features work just fine, and they're much better than what Win98 had to offer. But they

could work together much better than they do. The functions of System Restore, System File Protection, and other PC Health features overlap in a confusing way. Although they're useful for system problem diagnosis and recovery, they aren't implemented in any coordinated way. System Restore and System File Protection, for example, use different sets of directories to store backups, often of the same files or information. And there are now more than a dozen error and activity log files in Windows Me, each with a different message format. Other valuable information, such as the history data in the system information section of the Help Center, isn't available in any log file. The information would be much more useful in a single unified log, such as the event log implemented by Windows NT and 2000. Unfortunately, Microsoft hasn't implemented the standard Win32 event logging APIs in Windows Me. So it appears this mob of uncoordinated information is what we'll get in the final Windows Me product as well.

Digital Media (click image for expanded view) Windows Media Player 7.0 takes many forms and appearances, such as this one called "Win Me." The chameleon aspects are based on the new Media Player's "skins" feature. By and large, Windows Me's digital media features are aimed mostly at people in the home. The one feature that could be just as useful in business is the Picture Acquisition Wizard, which makes scanning digital camera images a snap. Based on an underlying technology called Windows Image Architecture (WIA), what it boils down to is one-touch scanning that really works (based on our testing with the Hewlett-Packard ScanJet 5200C), and the basic tools you need to manage, crop, and preview images. Windows Me's picture acquiring and managing features could be a boon for auto insurance companies, real estate offices, and dozens of other types of businesses that rely on images to get the job done. Or it could be just what your Mom wants. Either way, we covered these features in the Beta 2 story, and little has changed in Beta 3. About a month ago, Microsoft released one of the most visible new Windows Me features -- Windows Media Player 7.0 (build 1153). Take a look at our in-depth visual guide review of the new Media Player. On May 2, Microsoft released the "final beta" of Windows Media Player 7.0 (build 1296). And the gold version will ship with Windows Me some time "this summer," according to the Windows Media Player press materials. The best improvement is unproved as yet. Microsoft claims improvements to audio and video quality based on three new Windows Media Player codecs. They support what Microsoft describes as broadcast-quality video, true-to-source film playback, and streaming screen-capture support. Although these codecs are apparently available in the build 1296, we had no way to test them at press time. The digital media quality war is tough to call these days, and time will tell whether Microsoft has the codec goods on its competitors. Another quality-oriented feature is new support for SRS Labs' WOW audio technology, which boosts bass and dynamic range to sound perception. (click image for expanded view) Windows Media Player hard at work "ripping" a copy of a music CD onto a Windows Me PC. Many improvements to WMP7 aim at workability of features that have been evident before. For example, the CD Ripping feature (copying entire CDs to your PC stored in Windows Media audio format) is hooked up -- and working; we tested it. The quality is surprisingly good, and Microsoft claims that its audio format stores audio recordings in half the space needed for MP3. Still, this inability to "rip" to MP3 format is a shortcoming of Windows Media Player. Microsoft added several usability features. It's now easier to adjust video size and playback quality of captured digital video content. In skins mode, there's a new ability to disable and enable the anchor that appears in the lower right corner (allowing you access back to the default Media Player). And speaking of skins, the most visible difference in the final beta of Windows Media Player 7 is a much larger collection of skins (selectable appearances, like desktop themes). There's a default version for Windows Me, and many others with names like Goo, Optik, and Pyrite. Microsoft's Windows Media team also threw in several new "visualizations," or strobe effects. Windows Movie Maker (click image for expanded view) You can watch

your home movies while they're being recorded to your PC's hard disk with Movie Maker. The newest and most visible aspect of Windows Me Beta 3 is Windows Movie Maker. So new, in fact, it's a little shaky. (We had some trouble with this version of the program.) Think of actor Jeff Goldblum's TV commercial voice over talking about how "maybe you should be a director" with Apple iMac's desktop video, and you have a sense of what Windows Movie Maker was designed to compete with. Microsoft probably added Movie Maker in response to requests from OEM PC makers who don't want to lose anything more to Macintosh sales. I could probably spill some more cold water on this idea too, but the truth is, it's kind of cool. Windows Movie Maker's focus is to help you import, store, manage, do very basic edits of your camcorder "home movies," and distribute the results. Once you've imported your videos to Movie Maker, you can edit out the dull portions, and package up the gems, and e-mail them to friends and relatives, or post them on a Web page for download. The primary mission is to let extended families share home movies via the PC. Movie Maker is optimized for that purpose, and we think it'll succeed in that role. With Movie Maker, a video capture device (such as ViewCast's USB-connected Osprey-50 used for our tests), and a couple of extra cables you'll find at Radio Shack, you'll be ready to connect your camcorder to your PC. The process is actually much easier than we anticipated. Importing analog or digital video from a camcorder to the PC was simple. Connect the hardware, open Movie Maker, press the record button, then press the playback button on your camcorder. It also works with a VCR or digital still cameras. We tested with a late model Sony Hi-8 S-Video camcorder, but Movie Maker works with any analog camcorder or VCR, and digital products are in the process of being tested and approved. (click image for expanded view) Simply drag and drop clips to the Movie Maker storyboard below to create your own movie. Movie Maker's best features don't immediately meet the eye. Microsoft is using its streaming video format, .ASF, which it says can record nearly 24-hours of audio and video in 1GB of hard disk space. That's at Movie Maker's "Medium" recording quality. You'll definitely notice some loss of video quality at Medium, by the way, but given Movie Maker's primary mission, that's probably not a huge concern. The second cool feature is shot detection. As part of the process of saving a video to your disk for the first time, Movie Maker scans the video and recognizes the points when you stopped and then restarted the camera. It saves these bits as separate clips. You can create a new video with clips from several home videos, organizing their **order** by dragging and dropping them to the storyboard that runs along the bottom of the Movie Maker screen (see Editing Clips screenshot). The main advantage of the clips, though, is that you can edit out those long boring parts, and just keep the short and sweet parts that everyone wants to see. Basic voice-overs and fade-in/fade-out features are included, but that's about it. Unlike Apple's Desktop Video, Microsoft has no plans to offer high-end video editing and publishing features. It's leaving that up to third parties. And that's OK. Microsoft probably shouldn't get into the video toaster business. They have enough to do. We'll know better with later betas and the shipping version, but it looks like Movie Maker does what it was intended to do very well. Home Networking Wizard (click image for expanded view) Early versions of this wizard were troublesome, but Microsoft improved it. This Internet Connection screen is the key decision point. Home networking has been a hot topic of late, but the heat is less about software than it is about interesting new ways of connecting computers in the home. Everything from Ethernet to wireless, to phone lines, to power line solutions, and others have been discussed and demoed at various trade shows. Microsoft wants to be there when this stuff all happens. So home networking became a target for Windows Me, as well as support for new wireless and other networking devices. As part of this push, Microsoft added the Home Networking Wizard to Windows Me. Think of the Internet Connection Wizard, but aimed at configuring TCP/IP networking and Internet sharing between computers on a basic LAN -- that's the Home

Networking Wizard. It works pretty well too. It even offers to make a floppy disk that simplifies the process of configuring the network on your other computers. By and large, though, this wizard is designed to configure settings in a peer Windows network environment. The other networking change that's worth mentioning is that Microsoft's version of the "Client for NetWare Networks" has now returned to Windows Me. Internet Explorer 5.5 Microsoft touts improvements to the online experience as one of the four main goals of Windows Me, but to us, that seems more like lip service than anything else. We examined IE 5.50.4132.1900, which we received in Windows Me build 2513 (slightly later than Beta 3) for this story. The additions are very minor. Probably the most important is a modest performance gain that Microsoft claims. A very quick stopwatch test showed no notable difference at loading several top Web sites from the latest shipping version of IE 5.0 (5.00.2919.6307). Since Microsoft has never elaborated on or quantified how IE 5.5 is faster, we don't expect most people will notice a difference. (click image for expanded view) Some people will find this IE 5.5 print preview screen invaluable. The next biggest change is the addition of a print preview screen, as well as improvements to how IE prints Web page documents. Our testing shows that these changes to be useful improvements. Nothing to write home about, mind you. But if you ever print from your browser, you'll prefer IE 5.5 over its predecessors. Another visible change is the addition of the MSN Messenger icon on the IE 5.5 toolbar, as well as a menu item for this service on the Tools menu. Outlook Express has also been updated to version 5.5 (5.50.4132.1800 in Win Me build 2513), but we were hard pressed to notice any significant differences. But a bug fix for Outlook Express would be a major improvement. Bottom Line Whenever Microsoft is done with it, Windows Me will have two major advantages over Windows 98: 1. It'll contain the latest collection of bug fixes, hardware drivers, support for new specs, and reliability improvements; 2. And this is the more important of the advantages: It'll have completed a very large beta-testing process designed to shake out the bugs -- unlike the patches you download from Windows Update. By comparison, Windows 98 Second Edition was hustled out the door. And the original version of Win98, while well tested, is growing long in the tooth. If you're on the point of a Windows upgrade and you've decided against Windows 2000 for whatever reason, consider waiting for Windows Me. Windows Second Edition has not been Microsoft's most shining hour. (click image for expanded view) Another one of Windows MediaPlayer 7.0's many new appearances. This one is called "Goo." So, what about Windows 2000? If you're a business user working on an NT or Win2000 network -- or even if operating system is a primary concern -- we strongly urge you to consider Win2000 for your next Windows upgrade. Win2000 is a more reliable, more robust operating system. And all things being equal, we prefer it to the Win9x line. But Win2000 isn't a panacea, and unfortunately, all other things usually aren't equal. Win2000 doesn't support all the hardware or all the applications out there. At least, not yet. And that can be a big problem if your hardware has the latest video card, CD-RW drive, or off-the-beaten path peripheral. Windows Me might be the perfect interim OS while you're waiting for Win2000's first 18 months to shake out, and for app developers and hardware makers to catch up. Yes, Microsoft is targeting Windows Me at consumers -- and maybe you don't need the digital media features. That's fine, don't use 'em. (Although the one-touch ease of scanning documents and images offered by Win Me would come in handy in offices everywhere. Don't expect that kind of image scanning ease in Win2000 before the "Whistler" release in 2001 or 2002.) Maybe you're an IT pro who doesn't want AutoUpdate running on your co-worker's PCs. No problem, disable it. Perhaps you're already running something like Adaptec Wild File's GoBack software, which is more powerful than System Restore, then turn off System Restore (we just told you how). In general, don't get turned off by the hype either if all you're really looking for is a well-tested service pack to Windows 98. It's in there. In short,

Microsoft's marketing pitch for Windows Me doesn't match the demographic that describes 90 percent of the people reading these words. Most of us are business people, experienced Windows users, or part of a huge emerging mainstream of people who are fast becoming experienced. No biggie. Just ignore the marketing, and focus on the bits. That leaves one big question remaining: When Windows Me ships later this year, will it be worthy of installing on your PC, or buying pre-installed on your next PC? Frankly, it's too early to judge. We eventually came to regret our early positive assessment of Windows 98 Second Edition. But there's nothing about Windows Me's Beta 3 feature set that would keep us from installing it. And all on their own, System File Protection in particular and to a lesser extent System Restore are valuable improvements. Ultimately, our final recommendation will be based on how well Microsoft squashes the bugs. The longer they wait to release Windows Me, the more likely we are to approve of it. And rest assured, Winmag.com will cover the shipping version of Windows Me whenever it arrives.

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FILE SEGMENT: CD File 275

TEXT:

...operating system. In the guided tour of Windows Me that follows, click any of the **thumbnail images** to see the full-size version up close. Setting a Baseline (click image for expanded...on the Windows Startup menu now are Normal, Logged, Safe Mode, and Step-by-step **Confirmation** . If you want to just get to a command prompt without starting Windows Me, your...clips. You can create a new video with clips from several home videos, organizing their **order** by dragging and dropping them to the storyboard that runs along the bottom of the...

13/9,K/2 (Item 1 from file: 256)  
DIALOG(R) File 256:TecInfoSource  
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00144712 DOCUMENT TYPE: Review

PRODUCT NAMES: Web Site Design (838543); XML (837709); XSLT (eXtensible  
Stylesheet Language Transformations) (844811)

TITLE: Create a Template-Based Web Site: Use XML and XSLT to  
manufacture...

AUTHOR: Anderson, Jonny

SOURCE: Visual Studio Magazine, v12 n14 p30(6) Dec 2002

ISSN: 1075-1955

HOME PAGE: <http://www.vcdj.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

The ability to generate HTML on demand is a difficult project. Combining XML, XSLT (eXtensible Stylesheet Language Transformation), and HTML lets a Web site be more responsive to its environment and focused on specific functionality. This extends the reach and reuse of HTML. Program listings and illustrations show how to create a template-based Web site. A sample shows a skeleton e-commerce site, which lets the user select a product from a dynamic catalog that lists each product using a **thumbnail image** and description. Users **confirm** an **order** that triggers the dispatch of an e-mail to the user, which contains a link that allows the user to track his or her **order** status. The Web site does not contain any static HTML pages, and content is generated on demand. Template-based Web sites are made up of a data source and page templates, and each template represents a generic page with gaps that are filled in with data from the data source. The template must be merged with data before it is ready for viewing, according to the needs of the individual viewer. XML is used to create the data store, and XSLT is used to write the templates. The XML DOM provides objects for merging XML data with XSLT templates to create HTML Web pages on demand. As a result, the template-based site is made up of three types of files, Active Server Pages, page templates, and data files.

COMPANY NAME: Vendor Independent (999999)

DESCRIPTORS: HTML; Program Development; Templates; Web Site Design; XML;  
XSL

REVISION DATE: 20030430

...the user select a product from a dynamic catalog that lists each product using a **thumbnail image** and description. Users **confirm** an **order** that triggers the dispatch of an e-mail to the user, which contains a link that allows the user to track his or her **order** status. The Web site does not contain any static HTML pages, and content is generated...  
?

21/9,K/74 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09146534

Kodak Offers Quick Prints Service

US: KODAK OFFERS NEW SERVICE

Eastman Kodak press release (PRS) 12 Aug 1999 p.e

Language: ENGLISH

Kodak is offering a new service called Kodak Quick Prints. The service allows users of digital cameras to get prints on photo paper. Users can upload the **digital images** to Kodak, which will supply **print** on photo paper. Consumers can **order** one **print** or as many reprints and gifts as needed. The price is \$0.75 for a 4x6 print plus shipping and handling. After entering billing and shipping information, the consumer will immediately receive an **order confirmation** number. Estimated upload time for a megapixel image is two minutes with a 28.8K modem. Pictures are produced within two working days and returned by first class mail.

COMPANY: KODAK

PRODUCT: Instruments & Related Products (3800);

EVENT: Product Design & Development (33);

COUNTRY: United States (1USA);

... allows users of digital cameras to get prints on photo paper. Users can upload the **digital images** to Kodak, which will supply **print** on photo paper. Consumers can **order** one **print** or as many reprints and gifts as needed. The price is \$0.75 for a...

... shipping and handling. After entering billing and shipping information, the consumer will immediately receive an **order confirmation** number. Estimated upload time for a megapixel image is two minutes with a 28.8K...  
?

show files; ds

File 15:ABI/Inform(R) 1971-2005/Dec 23  
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 File 275:Gale Group Computer DB(TM) 1983-2005/Dec 23  
 (c) 2005 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Dec 23  
 (c) 2005 The Gale Group  
 File 9:Business & Industry(R) Jul/1994-2005/Dec 22  
 (c) 2005 The Gale Group  
 File 20:Dialog Global Reporter 1997-2005/Dec 23  
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 File 476:Financial Times Fulltext 1982-2005/Dec 24  
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 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
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Set	Items	Description
S1	36	(CONFIRM? OR VERIFY?) (S) (THUMBNAIL (5N) IMAGE??)
S2	17215	PRINT (10N) ORDER
S3	0	S1 (S) S2
S4	0	S1 AND S2
S5	211675	(CONFIRM? OR VERIFY? OR ASCERTAIN?) (S) ORDER??
S6	25168	(THUMBNAIL OR TINY) (10N) IMAGE??
S7	6	S5 (S) S6
S8	4	RD (unique items)
S9	143	S2 AND S6



23-Dec-05 11:20 AM

Dean Nguyen, 09/863,476

2

S10 86 RD (unique items)

S11 6 S5 AND S10

S12 6 RD (unique items)

? save temp

Temp SearchSave "TD163015102" stored

?

t s21/6,k/1-74

**21/6,K/1 (Item 1 from file: 15)**

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02757578 618622871

**\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\***

**Where There's a Will, There's a Way**

Apr 2004 LENGTH: 2 Pages

WORD COUNT: 1152

...TEXT: emergency room patients.

Prior to January 2002, SAMC received only 30 percent of scheduled patients' **orders** before their testing or admission dates. We would receive handwritten, **printed** or faxed **orders** for tests from the day the test was scheduled by staff right up to the...

...tracking and began using fax software and Microsoft SharePoint for temporary electronic storage of fax **orders**. When patients arrived for testing, the **orders** were **printed** and then deleted from the system. Thus, there was no long-term electronic storage of...

...This request goes into our central scheduling office, which schedules the appointment in PHS and **confirms** it back to the requesting physician's office by voice or electronic fax. **Orders** then are faxed from the physician's office to HPF's fax server, which converts the fax to a **digital** image and places it into an HPF work queue to be indexed to the patient's account by our **order** -tracking group.

When a patient is scheduled in PHS, a temporary account number is created ...

**21/6,K/2 (Item 2 from file: 15)**

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02652939 443859011

**\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\***

**Back-office roundup**

Oct 27, 2003

WORD COUNT: 6778

...TEXT: an item-to-recipe cross reference; and many more. Scaled recipe reports can include a **digital** photo of the food or any graphic **image**.

Other features allow the user to:

\* use the menu display to show each recipe's...pricing as they appear on POS terminals, thus helping minimize waste, increase quality control and **verify** for variances. Wireless handheld terminals can be used for running Posera's physical inventory-count application. The purchase **order** feature allows managers to create new **orders** and receive merchandise, and it's integrated with the inventory module. That feature includes a PO Creation Expert, which creates a new purchase **order** based on sales history. The PO Expert system uses the product mix to suggest an **order**.

Features include:

- \* inventory count program for wireless handheld devices
- \* PO Creation Expert
- \* vendor management
- \* real...

...list, purchase orders for each vendor are generated with EatecNetX. Users have the option to **print** hard copies, fax purchase **orders** directly to the vendors or send them via a custom EDI interface.

In multioutlet operations...

...item line by line to record a delivery. Rather, merchandise is received directly against purchase **orders** to **verify** that **ordered** quantities were delivered - and delivered at the correct price. Data entry is done by exception...

**21/6,K/3 (Item 3 from file: 15)**  
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02126682 68964331

**\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\***

**Attracting interest: The state of FOD**  
Feb 2001 LENGTH: 5 Pages  
WORD COUNT: 3640

...TEXT: just-in-time basis

Inclusion of customer-specific advertising material in billing statements

I Quick- **print** and finish of back- **ordered** or outof- **print** books.

CREATING NEW MARKETS

Perhaps the most explosive growth in POD has occurred in producing...Xerox, offering medium-duty binding and trimming options tied to the Xerox DocuTech line of **digital** cut-sheet **imagers**. At Graph Expo '00, for example, Standard displayed an inline books-on-demand system consisting... Print Manager, a Windows-based client-server processing and management platform. Print Manager basically imposes **digital images** four-up on a single sheet; that is, two-up on each side so that...numerics that indicate the first sheet or page of a book set, sequential information to **verify** that the rest of the book or document set is in **order**, and a finish-set "flag."

How does the quality of products these FOD systems produce...

**21/6,K/4 (Item 4 from file: 15)**  
DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

02101397 64943924

**\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\***

**Information fulfillment: An evolving business model**  
Nov 2000 LENGTH: 4 Pages  
WORD COUNT: 2249

...TEXT: specific customer requirements.

Fulfillment warehousing of finished printed goods has been a common practice for **printers** since J. Gutenberg overran the initial **order** of Bibles. This increased **print** -run practice remained relatively static for its initial half-dozen centuries as simply an additional...

...for the next five years, primarily due to the maturing of both corporate clients and **printers**. These parties will be adding Internet services for **order** entry and follow-up monitoring as the **printers** move upscale to charge for value-added fulfillment services.

CRAWL, WALK, JOG, SPRINT

There are...

...tools by means of Internet access and dedicated fulfillment software. Sprint: Provide custom information and **images** with **digital** asset management and printing to add distinct, timely value to the overall process.

If you up by the client or toll-free.

\* How frequently are **orders** being placed (per day or per week)? The manager and person actually performing the task...

...logs are ideal but often not maintained. Daily shipping logs by UPS or FedEx will **verify** frequency. If shipping logs for the past year are available, they will show potential seasonal peaks in demand. Discuss these spikes in demand with management to **ascertain** whether they were onetime occurrences, e.g., a new office opening up, or predictable, such...

21/6,K/5 (Item 5 from file: 15)

DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

01997342 51022003

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

**Integrating technology with the traditional shall the 'twain e'er meet?**

Feb/Mar 2000 LENGTH: 5 Pages

WORD COUNT: 3053

...TEXT: to-web model. Many web sites are successful in their efforts to get visitors to **order print** or other traditional Communication tools. Investor relations sites commonly invite visitors to **order a printed** copy of the annual report, and other sites offer to deliver catalogs, videotapes, audio CD...the many photography magazines on the market.

These ads, however, offer limited real estate where **images** captured on one of the company's **digital** cameras can be displayed. To expand the range of **images** available for review, the print ad directs readers to a web site where many more...

...Wide Web, you can book an airline, hotel or rental car reservation and get a **confirmation** without having to make a long-distance phone call or listen to annoying music while waiting on hold. You can **order** everything from computers and software to books, furniture, Music, Chain saws, apparel and artwork. You...

21/6,K/6 (Item 6 from file: 15)

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01699109 03-50099

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

**Bobbin World software: From CAD to chargeback control**

Sep 1998 LENGTH: 10 Pages

WORD COUNT: 5092

...TEXT: EDI interfaces, material utilization, cut order scheduling, production control and scheduling, quality assurance, customer service, **order** allocation, **order** configurator, screen **printing** and embroidery scheduling, and query maker for ad hoc reports. The Year 2000-compliant system...

...can use their own forms or create customized forms to create and link line lists, **order confirmations**, cost calculations, size specifications and shipping forms. MPS runs on any PC and does not...manipulated, and Punto Creator automatically recalculates the stitches. A 3D photorealistic rendering previews the finished **digital image**, which then can be placed on a variety of backgrounds to allow the designer to...

21/6,K/7 (Item 7 from file: 15)

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01009069 96-58462

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

**Window on the interactive future**

Apr 1995 LENGTH: 2 Pages

WORD COUNT: 973

...TEXT: a hockey game, for example, will be able to quickly switch to the UBI menu, **order** a pizza, pay for it and switch back to the game. A printer that is part of the system **prints** a receipt to **confirm** the **order** and act as a record of the transaction.

Revenues for the project will come from...

...as the main processor, as well as chips for graphics processing and for decompression of **digital images**.

"We want an addressed, one-to-one set-top box that gives the possibility to ...

21/6,K/8 (Item 8 from file: 15)

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00909231 95-58623

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

**Welcome to show-in-print**

Sep 1994 LENGTH: 41 Pages

WORD COUNT: 20814

...TEXT: USING COMPUTER-TO-PLATE IMAGESETTERS

R.R. Donnelley & Sons Co., the world's largest commercial **printer**, has announced the placing of a significant **order** for the new computer-to-plate imagesetter designed and recently introduced by Creo Products, Inc...installing digital phones to reduce static and to get better quality.

\* New VCRs now are **digital** to provide sharper **images** and to get better quality.

\* New stochastic screening requires **digital** imagesetters for better quality.

For your New Press, to upgrade your existing press, Graphic Microsystems... Improvement techniques and Certificates of Analysis, we'll document the consistency of your inks and **confirm** that every ink **ordered** is within your specification range every time. The quality and reliability of our ink gives...text, line-out, photos, color, trapping, stripping, imposition and other electronic darkroom techniques) and laser **image** this **digital** data directly onto aluminum printing plates.

Payback on investment is very high

The benefits of...are very simple and easy to use.

Halm also will send (if requested) a return **confirmation** to customers inclusive of current pricing on all or selected **orders**. On all **orders** received before 2:30 p.m. eastern standard time, Monday through Friday, every effort will be made to ship the **order** that same day. All weekend **orders** will be shipped the following Monday.

If you would like to receive some Halm Express...

21/6,K/9 (Item 9 from file: 15)  
DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

00661482 93-10703

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

**Imaging: Companies go paperless**  
Jan 1993 LENGTH: 4 Pages  
WORD COUNT: 2708

...TEXT: KAR Mainframe System, for the computer-assisted retrieval of microfilm records, and a Kodak Imagelink **digital** workstation. The workstation gives users the ability to digitize microfilm **images** and electronically transmit them to networked workstations or remote fax machines.

I wanted a system...

...my willingness to install this configuration of equipment.

It's a planned evolution. With our **digital** workstation, we can convert film **images** to **digital images** that can be stored on an optical disk or magnetics if we desire.

We also...

...Thomas. Requests generally come from in-house auditors or outside vendors, who may need to **verify** a signature or invoice amount. On-line users can access basic invoice information, including the...

...from the mainframe by keying the invoice number. If further information is needed, users can **order** a **print** of the invoice.

Immediate access information is nice, but for me, document security is the ...

**21/6,K/10** (Item 1 from file: 16)  
DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

12733504 Supplier Number: 138752228 (USE FORMAT 7 FOR FULLTEXT)  
Printing **with the AC: the process can be complicated when** ordering  
prints **at kiosks and online.** (ANONYMOUS CONSUMER)  
Nov, 2005  
Word Count: 1443

Printing **with the AC: the process can be complicated when** ordering  
prints **at kiosks and online.** (ANONYMOUS CONSUMER)  
... photo-quality inkjet printer was out of service, too. The AC had  
been printing his **digital images** at home, and now decided to give  
kiosks a try.  
He visited a specialty shop...

...to have prints made in 5 minutes. He stood there watching other people's  
finished **prints** coming from the Gretag minilab.

He had assumed, when someone **ordered prints** in minutes at the  
kiosk, the lab would finish the current roll and, in some way or another,  
send his kiosk **order** to the front of the queue.

He also thought his **prints** were going to have the same high-gloss  
surface as the prints dropping into the bin. The technician said the glossy  
surface was for extended-service **orders**. His **prints** would be much less  
glossy, and she nodded to something on the other side of...

...satisfied with both orders, as well as the choice of surfaces, he  
decided to try **ordering prints** online from a nearby store, and to pick  
up his finished order in person.  
He...

...plus one at the bottom of the screen, placed below an itemized  
description of his **order**. Were customers supposed to hit both buttons or  
choose just one? The AC did the latter and received his **order**  
**confirmation** minutes later in his e-mail box.  
He later received an e-mail notice, a...

**21/6,K/11** (Item 2 from file: 16)  
DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

11845035 Supplier Number: 128880634 (USE FORMAT 7 FOR FULLTEXT)  
**Sony Electronics' ImageStation.com Joins With CVS/pharmacy on In-Store**  
**Photo Pick-Up Service; In-Store Pick-Up Option Provides Consumers with**  
**Convenience.**  
Feb 18, 2005  
Word Count: 373

(Logo: <http://www.newscom.com/cgi-bin/prnh/20020313/SONYLOGO> )

Consumers can now upload their **digital images** from their home/personal computers to ImageStation.com and can choose to pick up their photos at their local CVS store. At ImageStation.com, consumers configure and **confirm** their **order** which is then shipped to the nearest CVS/pharmacy for pick-up. A CVS store...

...CVS/pharmacy.

"This collaboration provides busy consumers and photo enthusiasts with an additional choice for **ordering** their **prints**," said Bob Nell, vice president of network solutions for Sony Electronics eSolutions Company. "This is...

...is Sony's online photo service that allows consumers to upload, store and share their **digital images** and video clips online. Members of the service can also **order** high-quality photo **prints** in a variety of sizes and unique photo gifts including coffee table books, mugs, puzzles...

...online photo albums directly from web-enabled mobile phones.

For Sony Electronics' news releases and **digital images**, visit <http://www.sony.com/news>.

CONTACT: Marcy Cohen of Sony Electronics Inc., +1-201...

21/6,K/12 (Item 3 from file: 16)

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11378990 Supplier Number: 120020670 (USE FORMAT 7 FOR FULLTEXT)

**POSTCARDS: Wish you were here?**

July 22, 2004

Word Count: 2015

... straight away without any risk of set off. It is not unusual to have an **order** for 500,000 postcards **confirmed** at 5.00pm, we then **print** in one pass, cut, collate and box ready for distribution the following day."

Colour Five...

...unit, but we overcome this problem by careful planning in the prepress stage, placing suitable **images** next to each other to match closely the **digital** Cromalins that we run for every job. Printing with uv inks and dryers allows us...

...is awareness. Technically it is pretty easy to do. Quality issues such as low resolution **images** are dealt with by a combination of **digital** imaging processes and keeping the overall format size small. Kodak also uses image enhancement tools...

...happy greeting associated with holidays. The beauty of a postcard is that a range of **images** can be held as **digital** data and printed when needed to top up stock levels."

It is easy to see...

21/6,K/13 (Item 4 from file: 16)

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11347587 Supplier Number: 119316035 (USE FORMAT 7 FOR FULLTEXT)



**Digital print fulfillment through prints-are-memories.com. (Anonymous Consumer) (www.prints-are-memories.com.)**

July, 2004

Word Count: 1624

... a lot of expensive ink and paper, the AC was ready to give up on **digital** imaging forever.

She still wanted prints from the **images** she had already captured, though. How could she get them?

She had heard of a few web-based companies offering prints from **digital images**, but she wasn't sure if she wanted to try one. The AC also remembered...

...in the newspaper from chain drugstores and mass merchandisers in her area advertising prints from **digital images**. She thought about taking her media card to one of them, but the AC had...

...that caught her eye was an explanation of the three ways to get prints from **digital images**: at a photo lab, online, or at home. She clicked on each choice in turn...

...top menu bar had a "New! Photo" key. That took her to the option of **ordering** online and having images delivered or **printed** at a store.

The AC went back to the prints-are-memories.com "Store Details..."

...relatives. She'd had great service, but she hadn't known they offered prints from **digital images**.

She clicked on "Store Details" and saw the store could process from six types of...

...a notice that she had successfully created an account and was now ready to have **prints** made.

The AC clicked on "Place New **Order**," and began uploading her first image. It took about 45 seconds. She was then prompted...

...price of \$5.48. She entered her credit card number and clicked "Submit Order."

An **Order Confirmation** page popped up with an **order** number, the total charge of \$15.44, and an authorization code. It also said she would receive an e mail when her **order** was completed and thanked her for her business.

"That was easy," the AC thought. The...  
...site, and bookmarked it.

The following day, the AC received an e-mail saying her **order** had been processed. She received her **prints** five days after placing the **order**. They were beautiful.

The AC decided that from now on, this was how she would get prints from her **digital images**.

What's on www.prints-are-memories.com?

Among other useful things, consumers will find...

...location.

- \* Detailed information and the capabilities of each store listed.
- \* Methods of getting prints from **digital images**, including printing at retail, printing online, and printing at home.
- \* A list of the advantages...

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11201188 Supplier Number: 116539718 (USE FORMAT 7 FOR FULLTEXT)  
**Xerox Secures Major New Customer Contracts, Attracts 68,000 Guests to Date at drupa 2004 Exhibition.**

May 13, 2004

Word Count: 979

... digital document production and services.

TED Gigaprint chooses Nuvera systems

From Holland, TED Gigaprint has **confirmed** the first **order** of Nuvera 120 Digital Production Systems in Europe, along with another DocuColor iGen3. The company...

...paper handling and taking advantage of Xerox's quality of technical service.

The Ruffeisen Bank **ordered** a Xerox DocuPrint 1050 CF continuous-feed **printer** with a Xerox DocuSP controller application to print transactional statements and business materials. The DocuPrint...

...and expand into high-growth markets.

The company is also showing the industry's broadest **digital** portfolio - up to speeds of more than 1,000 **images** per minute - designed to print everything from paperback and hardcover books to personalized travel brochures...

**21/6,K/15 (Item 6 from file: 16)**

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10932310 Supplier Number: 111697101 (USE FORMAT 7 FOR FULLTEXT)

**Kiosks prove beneficial to retailers.(Retailing)**

Dec, 2003

Word Count: 1707

... But once they know how to do it, it's great. As far as getting **digital images** off cards, it's the ideal way to do it. I use it all the time for my own **digital** files."

The majority of Crown **Image** 's customers use the kiosk to get 4-by-6 prints from their digital media...

...because it eliminates our need to handle the media. You just press the button to **confirm** the **order** on the kiosk, and it's automatically sent to the d.lab," he says. "The **order** number comes up, and a receipt is **printed** . We produce an envelope and write the **order** number on it, and the lab **prints** it. It's very easy."

While some customers choose to stay and wait for their...

...common upload source at kiosks in 2002.

\* Less than 10 percent of kiosk users uploaded **images** from **digital** sources, such as camera memory cards, floppy disks, and CD-ROMs

\* Ninety-one percent of...

**21/6,K/16 (Item 7 from file: 16)**

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10826424 Supplier Number: 108788116 (USE FORMAT 7 FOR FULLTEXT)

**Connecting photographers and labs: labs have many options when it comes to online workflow solutions.(Feature)**

Oct, 2003

Word Count: 4530

... which enables photographers to use album templates from suppliers, create preview slide shows, and place **orders** for album products. It also features templates for **printing** that can be viewed in the correct rotation, and an interface for applying a logo...

...proof--making it easier to organize and compile. Another key features allows photographers to send **print orders** to a Studiomaster PRO authorized lab or **print orders** from a directly connected Fujifilm Pictography 4500, 4000II or 3500 digital printer.

The Studiomaster PRO...

...Full Color is completely digital, film negatives are scanned, which allows photographers to ease into **digital** if they wish. ProShots photographers can post album pages and **images** on the Internet for their customers, using a password-protected website. Payments by check or...  
...the client.

After images are uploaded to Collages.net through MyLabPartner.net (or by the **digital** photographer directly), the photographer organizes the **images** for the Slideshow and Proof Book. The Web-based tools now allows photographers to use...

...pro lab). The client software allows the professional photographer to create, package and transmit a **print order** to any partner lab. It also allows the photographer to **confirm** lab capabilities such as available print sizes, enhancements and premium services. As part of the...

...and sell to digital photographers. The fulfillment server software is responsible for receiving, proofing and **printing** the lab **order** from the client software. Labs receive digital **orders** via the Internet or on a protected CD-ROM directly from the photographer.

Express Digital...

...only are there no paper proofs for labs to keep track of, there are no **digital images** to store. Dalzell has used Pictures4Life.com for more than a year, and expects to continue as more photographers and labs go **digital**. Currently, Dalzell scans film and accepts **digital images** from its photographers to use with Pictures4Life.com.

The only challenge in using the Pictures4Life...

...the lab. The photographer sets the pricing and sizes available, and collects payment for the **orders**. Each lab participating in the program offers its own **printing** options. Photographers can sign onto the system directly through their labs.

The Eventpix software...

...1994.

Photographer customers have the option of using a lab for the fulfillment of online **orders**. Stringfellow said Image Displayworks will contact the photographer's favorite **print** lab and ask them to join the Lab Partner Program, which is free for them...

...and 4-by-8 photo greeting cards. The lab also uses the Polielecttronica Laser Lab **Digital** Printer for **images** on photo paper in sizes up to

20-by-30.

MorePhotos and LabImages  
In January...

...MorePhotos technology through LabImages to offer its photographers the option of posting their film or **digital** images online. Operations Manager Khris Kramer said NC TriColor uploads the images and creates a website...

...independent, yet integrated software applications, WorkStream IA for labs and WorkStream DS (Digital Studio) for **digital** studios and photographers. It is used to prepare **images** and **orders** that will be **printed** at the photo lab. All aspects of the **order** can be entered directly by the photographer. WorkStream DS automatically generates an order archive and...

**21/6,K/17 (Item 8 from file: 16)**  
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10502296 Supplier Number: 102452016 (USE FORMAT 7 FOR FULLTEXT)  
**Last minute hitch slows Gretag-San Marco deal. (Minilab 2003).**  
May, 2003  
Word Count: 3477

... mile zone. Once a dealer has been selected, that dealer's website opens with an **order** form showing every service offer by Frontier and its price. The customer can manipulate images and upload the finished image to the site. A **confirmation** of the **order** and a pickup time at the minilab is e-mailed back to the customer.

One feature would allow a Texas retail customer to choose a Fuji dealer in Minnesota to **print** the **order** for a relative living there. An e-mail girl receipt will automatically be sent to...a digital flash card into the APM at Circuit City and makes the selection of **prints** to **order** on a touch screen monitor. The **order** is uploaded to a fulfillment provider, in this case, Photo Works, Seattle, where the **print order** is completed and either mailed directly to the consumer or back to the store for...About 75 APMs are positioned by the coin machine designed to take a customer's **digital images** and send them to Photo Works for fulfillment.

On the traditional side, Dan's Camera...

**21/6,K/18 (Item 9 from file: 16)**  
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09999489 Supplier Number: 90464341 (USE FORMAT 7 FOR FULLTEXT)  
**Applied Science Fiction -ASF- Announces First New York City Retail Test of Digital PIC Dry Film Processing Technology.**  
August 19, 2002  
Word Count: 1087

... their exposed film into the kiosk for automatic film processing, printing, and the creation of **digital image** files. During the development process, users can then select the images they want printed and ...

...centers, post offices, and libraries.

"Our Digital PIC kiosk empowers consumers to build their custom

**print order** at the time of film development, when excitement about their pictures is the highest thus...

...ASF's president and CEO. "Early feedback from customers using the system at Camera Land **confirms** our pre-launch independent market research that found features such as ease of use, self-service, selecting and editing **images** for printing and enlarging, obtaining a DigiPIX **digital** negative on CD, and ready access to high-quality photofinishing anywhere at anytime are important...

...a roll of exposed but undeveloped film as it is fed through the processor's **image** -capture engine. The environmentally friendly **Digital** PIC process requires no water, generates no hazardous effluents, and makes complete silver recovery possible. Next, the **Digital** PIC system makes a **digital** record of each **image** . Once the **image** data is captured, color data and exposure settings are established on a pixel-by-pixel...

...development is accomplished in less than ten minutes after the film is fed into the **image** -capture engine.

**Digital** PIC creates a unique DigiPIX CD. DigiPIX offers consumers tremendous flexibility for communicating with images...

...and low-resolution image files that provide the consumer a convenient avenue to share their **images** in many ways. **Digital** PIC allows for consistent **image** quality, and is Internet and Broadband ready. Configurations for **Digital** PIC technology include photo kiosks, microlabs, backoffice workstations, backlabs, and quick print stations.

About Camera...

...imaging markets. Additionally, ASF directly distributes Adobe(R) Photoshop(R) compatible plug-ins for automatic **image** correction and enhancement.

In addition to ASF's **Digital** PIC technology, ASF's product portfolio consists of the Digital ICE3 film scanner suite, Digital...

...ICE and Digital ROC for photo prints, Digital ROC plug-in for color restoration and **Digital** SHO(TM) plug-in for revealing details of dark **image** -areas. More information can be found

21/6,K/19 (Item 10 from file: 16)

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09798545 Supplier Number: 86206499 (USE FORMAT 7 FOR FULLTEXT)

**How to print perfect photographs: 27 tricks that turn digital snapshots into prints you'll treasure. (Printing).**

June, 2002

Word Count: 1873

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

YOU CAPTURED SOME priceless moments at your friend's surprise part with your **digital** camera. You sifted through the **images** on your hard drive and found the gems you wanted to print. But somehow, the...

...the right place. Read on, and we'll tell you how to touch up your **digital images** so they're primed for printing. We'll also give you some pointers on optimizing...

**IMPROVE YOUR IMAGES**

Take TIFF: Most **digital** cameras use JPEG format, which sheds some detail to save space when storing **images** .

TIP If you plan to edit your **digital** photo and print it later, save the edited **image** in Tagged Image File Format, which doesn't compromise image quality. Choose File-Save As...

...image (1024 by 768 pixels, for instance), the resulting print may be blurry. In general, **digital images** taken with a 2-megapixel camera yield good 5-by-7-inch prints, and images...

...Get into the habit of printing a test page at least once every month to **verify** that your **print** heads remain in good working **order** .

Avoid budget Ink: Want the best **print** quality?

TIP Stick with ink that comes straight from your printer manufacturer. Sure, you can...ozone; to reduce degradation, mount your prints behind glass or plastic.

TIP Keep your original **digital images** so you can reprint them later.

RELATED ARTICLE: TAKE MY ADVICE  
CORRECT THE CONTRAST  
I...

**21/6,K/20 (Item 11 from file: 16)**

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09402121 Supplier Number: 82368022 (USE FORMAT 7 FOR FULLTEXT)

**ACD Systems Signs Licencing Agreement With Future Shop; Offers Customers  
New Software Solution for Photo Printing Services.**

Feb 1, 2002

Word Count: 784

... Future Shop licensed ACD's Software Development Kit (SDK) allowing users to access Future Photo **print ordering** services from within ACDSee(TM).

Future Shop will bundle the custom version of ACDSee 3...

...red-eye reduction, cropping and rotation. The custom software also gives users the benefit of **ordering** real **prints** from their **digital images** , including the ability to crop their **images** appropriately for the print sizes selected; specify print sizes, quantities, delivery and payment methods; and receive final pricing and receipt-of- **order confirmation** .

"ACD Systems was an obvious choice for Future Shop as their technology is proven and...

**21/6,K/21 (Item 12 from file: 16)**

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09166883 Supplier Number: 79956224 (USE FORMAT 7 FOR FULLTEXT)

**Personalization Branches Out -- Businesses use the software's e-mail,  
multimedia and voice features to improve processes and online sales.**

Nov 12, 2001

Word Count: 2170

... company's 50,000 SKUs.

Quill distinguishes between customers who use the Internet, those

who **order** exclusively from the company's **print** catalogs and those who use a combination of the two, says Lisa Iannuzzelli, the company...

...from Quill's own servers, the company sends Excel files with the requisite text and **images** to **Digital Impact**, an online direct marketing services provider, which executes the mailing.

This offloads the voluminous...software developer Par3 Communications, the company can trigger automated voice messages to its customers, either **confirming** the shipment of their **orders** or letting them know that a certain item isn't in stock and will be...

21/6,K/22 (Item 13 from file: 16)  
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09133989 Supplier Number: 79573283 (USE FORMAT 7 FOR FULLTEXT)  
**NYC Printers Discover Benefits of Rolling Out Variety of Homegrown E-Commerce Solutions.**  
Oct 15, 2001  
Word Count: 2578

... accounts that regularly use ActiveStatus, says Mr. Weiss. The system is ideal for companies that **order printed** products on a periodic basis, firms with decentralized locations that **order print**, as well as those with product-intensive **print** projects, he says. "But the people at these companies also have to be cutting-edge..."

...via e-mail, or by outputting the PDF pages and faxing marked-up hard copy **prints**. This eliminates the need to make multiple proofs in **order** to make simple revisions, Mr. Weiss says.

Digital Asset Strengths  
The system also includes content...

...content for repurposing," he says.

Especially useful for product shots captured in the firm's **digital** photography studio, MySuperFile allows Cosmos desktop operators to place **images** captured in the photo studio into an archive and apply keywords using client-specified categories...

...admits that he would like to see more Cosmos customers using ActiveStatus to streamline their **print** -purchasing activities. The problem, he says, is that **ordering print** online represents a departure from the traditional way people are used to working. "The promise..."

...wasn't for this, I would be having problems."

Operational since April, Sprint's online **print** - ordering system weekly pulls in approximately 20 **print** jobs, comprised mainly of brochure, postcard, business card, and booklet projects. Clients **ordering print** online range from SoHo firms to large corporations, says Mr. Rosinsky. The shop operates two...

...client approves the PDF online--or calls in changes and approves a subsequent PDF--Sprint **prints** the **order**.

"Most of our online color work is based on the 'pleasing color' standard," says Mr...

...of obtaining a patent for the technology. He says he eventually may sell the online **print** - **ordering** system to other **printing** companies. "There

ultimately may be more value in the software we developed than (in) my...

...could be, if you took a lot of the guesswork out of placing an online **print order**."

The main concern when developing the system was to create an online interface that was...

...add in special instructions related to special finishing options and shipping information," he says. The **order** and attached files are delivered to Adcomm, and the user receives a **confirmation** message.

Users also can track past-job histories and view digital archives of previous projects...us to get a messenger to them." Customers who seem to be most willing to **order print** online are those who regularly buy other Internet-based goods and services, he adds.

"Many...

**21/6,K/23 (Item 14 from file: 16)**

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

08780433 Supplier Number: 76335044 (USE FORMAT 7 FOR FULLTEXT)

**Photofinishing goes self-serve.(at new Eastman Kodak Co. kiosks)(Brief Article)**

June 25, 2001

Word Count: 381

... process, answering frequently asked questions. More important, the kiosks also accept both regular film and **digital images** for printing, thanks to a reader that accepts common **digital** camera memory equipment like CompactFlash cards, PCMCIA Cards, the Memory Stick and Smart Media cards. **Digital** customers view thumbnail **images** and select prints on screen. All customers are presented with the opportunity to purchase Kodak ...

...out a photofinishing envelope, to less than one minute at the screen. For multiple-roll **orders**, where the unit **prints** more than one label from the same **ordering** information, it took a fraction of the time of handwritten envelopes.

Secondly, the centers were...

...And they drove those purchases without added store associate participation, thanks to simple instructions and **order confirmations**, he said. Retail partners will also be able to program the kiosks in accordance with...

**21/6,K/24 (Item 15 from file: 16)**

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

08261774 Supplier Number: 69704676 (USE FORMAT 7 FOR FULLTEXT)

**Professional Photographers Embrace PhotoAccess' Turnkey Digital Photo Finishing Service Model.**

Jan 30, 2001

Word Count: 729

... method for customers to see pictures as well as make it simple for them to **order** and pay for their favorite **prints**."

"In three to four weeks I anticipate I'll be servicing clients



faster and collecting...

...unique access codes. Each on-screen photo has the company's custom watermark and every **order** is immediately **confirmed** with the studio and

customer. Professional photographers receive detailed statements of monthly transactions and can...

...and cost-effective e-commerce Web site, hosted by PhotoAccess.com, that offers consumers exceptional **digital** photo **prints** and merchandise, online **image** management, permanent storage, **ordering**, and delivery options. PhotoAccess also provides customization and licenses its technologies to a variety of...

**21/6,K/25 (Item 16 from file: 16)**

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

08050863 Supplier Number: 66994955 (USE FORMAT 7 FOR FULLTEXT)  
**Corbis Launches World's Largest Online Prints Gallery; Advances in Technology 'Break Open' the Corbis Collection to Consumers.**

Nov 16, 2000

Word Count: 838

... the house. After shopping, customers use a simple and secure checkout process and place their **orders** with a credit card. The **orders** are then delivered to the customer's home within three to 10 days. The site ...

...carries the featured promotion through checkout, highlighting the customer's promotional discount on the transaction **confirmation** page.

Accessible to PC and Mac users alike, the new site also retains Corbis' huge selection of **digital images** that customers can choose from for personal use projects such as screensavers, photo-realistic e...

...Place for Pictures Online -- is the definitive destination for photography and fine art in the **digital** age. With 65 million **images** -- 2.1 million on line -- it is the leading provider of images to the consumer, business, and creative professional markets. Corbis.com is the place where consumers can **order** framed and unframed **prints** and posters, send e-cards, and download personal-use **digital images**. The company also provides **imagery** to creative professionals in magazine, book, and newspaper publishing, advertising and graphic design, and Internet...

**21/6,K/26 (Item 17 from file: 16)**

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

07408992 Supplier Number: 62139596 (USE FORMAT 7 FOR FULLTEXT)  
**Delivering On-demand.**

April, 2000

Word Count: 1582

... S e-commerce solutions allow Sir Speedy franchises to manage, distribute and fulfill on-demand **print orders**, providing cost savings and better customer service via the Internet. Sir Speedy chose MEDIAFLEX.COM...

...and fulfillment capabilities.

MEDIAFLEX.COM'S technology enables large numbers of short run on-demand **printing orders** to be placed from any location and then be processed with significantly less interaction by...

...print customers. Impresse will provide Moore and its global customers with a platform for online **ordering**, tracking and fulfillment for their commercially **printed** documents.

\* printCafe, the mega-launch that encompasses leading-edge technology and computer management system manufacturers...

...Website with sophisticated workflow capabilities. MyOrderDesk is free and consists of a secure, Internet-based **order** entry, file transfer, **confirmation** and job management system. MyOrderDesk can be added to an existing Website or used on...2045, a 45-ppm engine with the same "clean sheet" design as the DocuColor 2060. " **Digital Blanket**" technology improves **image** quality and reliability by performing an **image** transfer from the unit's four photoreceptors to the substrate.

Xerox also presented a suite...

**21/6,K/27 (Item 18 from file: 16)**

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07302304 Supplier Number: 59966818 (USE FORMAT 7 FOR FULLTEXT)

**Internet Evangelists Out To Give E-Business A New Day in the Sun.**

Feb 14, 2000

Word Count: 7335

... project management capabilities by linking together customers, salespeople, customer service representatives, and production managers in **order** to streamline the job cycle. " **Print** production involves multiparty participation," Mr. Lavelle said. "But the relationships between print buyers, designers, photographers...

...our customers earlier in the production process."

Last year Mr. Hu sold his Bay-area **printing** company, A&a **Printers** and Lithographers, in **order** to completely devote his efforts toward building Collabria's PrintCommerce e-business solution. Mr. Hu...to divide and conquer and start slow."

One advantage to an e-commerce system for **ordering** simple **print** projects is the elimination of high transactional overhead on the part of both the buyer...

...on average, it costs about \$175 an hour in administrative costs for a corporation to **order** a **print** job. And **printers** have invoicing and other administrative tasks. Using an online print-management system reduces this cost...

...production processes while inputting job specs.

Once a bid is accepted, the buyer creates an **order** with a Noosh **print** vendor and assigns internal team members to each project (people can have different levels of...routine worked well enough, but it was repetitious. In most cases, it meant taking and **confirming** each **order** by phone, exchanging proofs by fax, and doing many things more than once until the...electronic workflow

www.collabria.com  
venture capital

facilitator. Sets up catalogs of  
preapproved templates for **printers** '

customers. Accepts **orders** and delivers **print**-ready files to **printer** .  
 Now also handles custom, one-off jobs.

MediaFlex.com Offers a menu of services to...

...electronic workflow depending on printer  
 private needs. Also sets up catalogs of preapproved templates for **printers** ' customers. Accepts **orders** from **printers** ' Web sites and delivers **print**-ready files to **printer** ,

printable.com Sets printers up for e-commerce. Levels  
 www.printable.com of functionality available...

...set up printers to accept and respond to RFQs; set up private customer centers for **printers** best customers.

printChannel.com Manages the **order** and production cycle  
 www.princhannel.com through two components: **OrderWeb** for the  
 private customer and ProductionWeb for the **printer** , Using **OrderWeb** , customers

**order** from centrally managed templates and receive online proof. ProductionWeb allows order tracking, order management, and...corporate customers a single source for electronic procurement that goes way beyond **printed** products. **Print orders** , however, can be directed to Moore facilities, the corporate in-plant(s) or even other...

www.moore.com

...corporate customers a single  
 www.standardregister.com source for electronic procurement that goes way beyond **printed** products. **Print orders** , however, can be directed to SR facilities, the corporate in-plant(s), or even to...

...through fulfillment of one-off projects.

MediaFlex.com Scalable components include: Corporate  
 www.mediaflex.com **Image** Center (CIC) for **digital** asset  
 private management; Online **Print** Center (OPC) where customers place **orders** ; and Online Control Center (OCC) where **printers** manage the process. The OCC includes "ColorCheck," a quality control and color management process.

printable...

...customers.

Product coverage available  
expands constantly.  
Customers can enforce graphic  
identity and allow  
enterprise-wide **ordering** .

PROCUREMENT SERVICES TARGETED PRIMARILY  
TO BUYERS, SECONDARILY TO **PRINTERS**

Impresse Corp.  
www. impresse.com

Recent developments include a new  
Web site scheduled to go...

...Online since 1997, iPrint was  
www.iprint.com  
venture capital

at the forefront of  
Internet **print ordering** .  
The company also offers  
www.iKiosk.com. a solution  
for small commercial and quick  
printers...Then, in 1998, Standard

Register developed SMARTworks 3.0, which gave customers the ability to  
**order printed** products from their desktop computers through standard Web  
browsers (Netscape or IE) instead of installed...

...from a handful of employees to more than 50 people.

Like other e-commerce-for- **print** systems, SMARTworks provides  
comprehensive **order** management features. It offers the ability to order  
new or modify existing documents and view...

**21/6,K/28 (Item 19 from file: 16)**

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

06600448 Supplier Number: 55608898 (USE FORMAT 7 FOR FULLTEXT)

**MediaFlex.com Announces Online Print Center 2.0.**

August 31, 1999

Word Count: 694

... is used by digital print providers to create, manage, distribute,  
process and fulfill on-demand **print orders** . OPC automates sales and  
**print** production for digital **printers** , providing cost savings and better  
customer service through the Internet.

"The fast pace of modern...

...can choose from a variety of shipping and billing options, including  
credit card or purchase **order** billing.

OPC takes the hassle out of **print** -on-demand **orders** for the  
digital **printer** . OPC 2.0 is browser-based, therefore, there is no need  
for any additional software...

...servers handle all transactions seamlessly behind the scenes. The system  
will validate credit cards, check **orders** for errors and **confirm order**  
and job information. An email **confirmation** is sent back to the customer,  
providing the details of the **order** and necessary tracking information.  
Finally, the corporate customer can go directly to the OPC site...

...see a complete listing of all their outstanding jobs in progress. The  
OPC allows these **orders** to be reviewed with an easy browse and locate  
function. With the OPC, customers can place **order** 24 hours a day, 7 days

a week, at their own convenience.

MediaFlex.com Corporate Image Center Version 2.0

MediaFlex.com is also updating its Corporate **Image** Center (CIC) solutions that simplify managing **digital** assets ( **images** and documents) for both print shops and their customers. The printer can use the CIC...

...an online catalog that allows customers to browse through a library of digital assets and **order** on-demand **printing** from those stored assets. The second function allows users to update and customize digital files...

...needs of the digital printing market. MediaFlex.com manages and

simplifies all aspects of e- **printing** , from **order** creation and processing, to final invoicing and distribution. MediaFlex.com is based in Santa Clara...

21/6,K/29 (Item 20 from file: 16)

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

06569258 Supplier Number: 55471474 (USE FORMAT 7 FOR FULLTEXT)

**Application of digital image analyses to measure print quality.**

July, 1999

Word Count: 3364

**Application of digital image analyses to measure print quality.**

Because the technique of choice needs to be quantitative, objective, and reproducible, **digital image** analysis was chosen as suggested by the study of dirt specks by Rosenberger(2) and...were tested, applying the scanner and calibration method (described previously in the experimental section), to **verify** the correlation between digital analysis and visual assessment. The magenta **prints** ranked from 1 to 11 (odd numbers only) in the **order** from highly mottled to no mottle. A Microtek scanner was used to scan the samples...

...Note the similarities in the ranking of the prints, labeled A through N.  
CONCLUSIONS

The **digital image** analyses method is capable of objective and reproducible measurements of print mottle. The results of...the scanning method, confirming our results.

(7) Edinger, J.R., "Fundamentals of Black and White **Image** Quality," IS&T's NIP13: International Conference on **Digital** Printing Technologies, 1997.

(8) Portions of this paper have been published in the IS&T...

21/6,K/30 (Item 21 from file: 16)

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

06558700 Supplier Number: 55421955 (USE FORMAT 7 FOR FULLTEXT)

**Kodak Offers Quick Prints Service for Easy Online Ordering of Pictures;**

**Digital camera users can get high-quality prints on photo paper.**

August 12, 1999

Word Count: 278

**Kodak Offers Quick Prints Service for Easy Online Ordering of Pictures;**

**Digital camera users can get high-quality prints on photo paper.**

... of Kodak Quick Prints - a convenient online service that allows

consumers to quickly upload and **order** high-quality **prints** of their **digital images**. Quick **Prints** from Kodak PhotoNet™ Online Print Service solves the dilemma many digital camera users have faced for years - how to easily print **digital images** on high-quality photographic paper.

The Quick Prints service is browser-based and does not...

...of products from prints in a variety of sizes to unique photo gifts. Consumers can **order** one **print** or as many reprints and gifts as needed.

The price is \$0.75 for a 4x6 **print** plus shipping and handling (**order** minimum pricing may be in effect). After entering billing and shipping information, the consumer will immediately receive an **order confirmation** number. Estimated upload time for a megapixel image is two minutes with a 28.8K...

...mail.

"Quick Prints make picture-taking more convenient than ever before, allowing consumers to easily **order** photo-quality **prints** of their **digital images** by following just a few simple steps," explained Cynthia Heigold, Product Manager, Online Print Services...

21/6,K/31 (Item 22 from file: 16)

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

05208699 Supplier Number: 47945118 (USE FORMAT 7 FOR FULLTEXT)

**Embracing New Technology in Postprint**

Sept, 1997

Word Count: 1957

... much more accurate way to measure, and the information received can be used to produce **digital** proofs that show the **image** the way it will look after it is printed.

Another very important printing variable is...

...in platemaking is direct to plate (DTP). This technology does not use film negatives. The **digital image** is sent directly to the plate imagesetter for exposure. This should increase the sharpness of...This means that the whiter, smoother and glossier the substrate, the sharper and brighter the **printed** image will be. In **order** to optimize our **print** quality, reasonable consistency must be achieved in manufacturing the substrates we are asked to print...

...Even when they are made from uncompensated film negatives, they do not match the printed **image**.

Today, **digital** proofing is available that will show you an excellent color proof without film negatives. It...

...print.

5. Create a color proof simulating A, B, C, E, and F fluting.

This **digital** process will allow you to see the **image** as it will appear after it is printed, without film negatives. This is extremely necessary when **printing** plates are made without film negatives in **order** to **verify** what the **printing** image will look like (see Figure 4).

Today, a program for special imagesetter calibration is...

21/6,K/32 (Item 23 from file: 16)

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

04814317 Supplier Number: 47082877 (USE FORMAT 7 FOR FULLTEXT)  
**Digital Print Services**  
Feb, 1997  
Word Count: 776

Outputting **digital images** from your computer can be done in several ways, including **digital** photo printers, color dye-sublimation, color inkjet or bubblejet printers. But there is an alternative...

...directly or through its web site at c.com and download the free software to **order prints**.

The software allows you to crop, add text and choose what size prints you want...

...use their own computer and image manipulation software to enhance their photographs. Then, Sedona's **Print Order** software is used to specify the quantity of **prints**, **print** size, layout, margins, captions and output medium. Once the **order** is complete, the program rotates, scales, composites and compresses the image files automatically. These images...

...mailed to Sedona, or saved as a computer file and uploaded electronically via the Internet.

**Orders** are digitally **printed** on standard photographic paper. **Prints** are normally processed within 24 hours and returned to the customer.

MGI Software Corp. has...

...resolution to facilitate faster download times and a high resolution file is used to generate **prints** -on-demand by the PhotoNet retailer. **Orders** can be picked up at the store or mailed. Payments are made online with a...

...more information call MGI at (905) 764-7000.

The new on-line Kodak Image Magic **Print** Service gives consumers the ability to create and then **order** photo-graphic-quality **prints** and other personalized photo gifts at their home computer, and **order** delivery to the home with the click of a mouse. This service is available to...

...Service directly through a pull-down menu. They can simply call up the photo gift **order** screen, provide a credit card number (which will be encrypted to ensure security) and electronically send the **order** to Kodak via the Internet. Kodak will send an e-mail message back **confirming** that an **order** has been received, including the total amount of the **order** and the expected shipping date. A second e-mail message will notify them when the **order** has been shipped.

For more information visit the Kodak web site at [www.kodak.com](http://www.kodak.com).

21/6,K/33 (Item 24 from file: 16)  
DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

04224798 Supplier Number: 46182191  
**Identix Incorporated - Company Report**  
Feb 29, 1996

**ABSTRACT:**

...top supplier and a technology leader in fingerprint biometric

identification and verification (using fingerprints to **verify** a person's identity). Applications of **digital** fingerprint **images** for verification are varied and are just beginning to emerge. Several product introductions have the...

...98 The INVESTEXT database offers the full text of this report online (RN=1713633). To **order printed** copies, CALL (800)662-7878, (212)484-4700 US, (071)815-3860 UK. Copyright INVESTEXT...

**21/6,K/34 (Item 25 from file: 16)**

DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

03621063 Supplier Number: 45101593 (USE FORMAT 7 FOR FULLTEXT)

**Photokina Report: Innovations and Strides Made In Processing**

Nov, 1994

Word Count: 2705

... The Hyper-DFS adopts a one-channel algorithm to achieve high precision auto -scanning from **order** -specific information combined with statistical data. The 10-inch color CRT monitor can display a...prints in either single-frame or six frames. With the monitor, it becomes easy to **verify** color balance and density, skip unwanted frames, and make corrections without wasting paper, time and...

...Print System Software that produce a digital file of all the negatives in a film **order** ; and the Kodak CRT Digital Color **Printer** that produces index **prints** on Kodak Ektacolor Edge Paper.

The printer accepts standard reels of spliced, notched film. It... world's first production minilab which is capable of printing both standard film negatives and **digital images** on conventional color negative paper. It combines the recognized benefits of the proven Master Lab series with a CRT printing engine and a SCSI interface bus. **Digital images** from various sources can be output directly onto the unsurpassed quality of silver halide paper...

...supplied external Power Macintosh with a built-in CD-ROM drive. With the Master Lab **Digital** , Gretag Imaging will bundle the necessary software for importing the **image** data from the computer into the minilab. This permits image files from all popular image...

...up to 300 prints per hour. CD-ROM, CD-I, PhotoCD or almost any other **digital image** data can be input directly through the integral CD-ROM and Diskette drives. By adding...

...from PhotoCD, prints-from-prints, prints-from -slides, etc.. For professional labs, the Master Lab **Digital** simplifies multiple **image** processing, e.g. for composites, and can serve as a high quality digital printer. Further...

...medical companies, in short, any facility that requires fast, cost-effective, high quality hardcopies of **digital images** .

Ilford IlfoJet

Ilford Photo presented the world's first ink-jet materials designed to meet...

**21/6,K/35 (Item 1 from file: 148)**



DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

0016921856      SUPPLIER NUMBER: 115306973      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Where there's a will, there's a way; Alabama referral hospital combines scheduling and document imaging systems to create a paperless order-tracking system. (Old tracking: case history) (Southeast Alabama Medical Center)**

April, 2004

WORD COUNT: 1204      LINE COUNT: 00099

... emergency room patients.

Prior to January 2002, SAMC received only 30 percent of scheduled patients' **orders** before their testing or admission dates. We would receive handwritten, **printed** or faxed **orders** for tests from the day the test was scheduled by staff right up to the...

...tracking and began using fax software and Microsoft SharePoint for temporary electronic storage of fax **orders**. When patients arrived for testing, the **orders** were **printed** and then deleted from the system. Thus, there was no long-term electronic storage of...

...This request goes into our central scheduling office, which schedules the appointment in PHS and **confirms** it back to the requesting physician's office by voice or electronic fax. **Orders** then are faxed from the physician's office to HPF's fax server, which converts the fax to a **digital image** and places it into an HPF work queue to be indexed to the patient's account by our **order**-tracking group.

When a patient is scheduled in PHS, a temporary account number is created...

21/6,K/36      (Item 2 from file: 148)

DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

16408659      SUPPLIER NUMBER: 109669169      (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Back-office roundup: the software that puts managers in control. (Roundup) (Buyers Guide)**

Oct 27, 2003

WORD COUNT: 7173      LINE COUNT: 00682

... an item-to-recipe cross reference; and many more. Scaled recipe reports can include a **digital** photo of the food or any graphic **image**.

Other features allow the user to:

- \* use the menu display to show each recipe's...pricing as they appear on POS terminals, thus helping minimize waste, increase quality control and **verify** for variances. Wireless handheld terminals can be used for running Posera's physical inventory-count application. The purchase **order** feature allows managers to create new **orders** and receive merchandise, and it's integrated with the inventory module. That feature includes a PO Creation Expert, which creates a new purchase **order** based on sales history. The PO Expert system uses the product mix to suggest an **order**.

Features include:

- \* inventory count program for wireless handheld devices
- \* PO Creation Expert
- \* vendor management

\* real...

...list, purchase orders for each vendor are generated with EatecNetX. Users have the option to **print** hard copies, fax purchase **orders** directly to the vendors or send them via a custom EDI interface.

In multioutlet operations...

...item line by line to record a delivery. Rather, merchandise is received directly against purchase **orders** to **verify** that **ordered** quantities were delivered--and delivered at the correct price. Data entry is done by exception...

**21/6,K/37 (Item 3 from file: 148)**

DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

13318555 SUPPLIER NUMBER: 71360527 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**ATTRACTING INTEREST: THE STATE OF FOD.(finishing-on-demand)**  
Feb, 2001  
WORD COUNT: 3858 LINE COUNT: 00304

... a just-in-time basis  
\* Inclusion of customer-specific advertising material in billing statements  
\* Quick- **print** and finish of back- **ordered** or our-of- **print** books.

#### CREATING NEW MARKETS

Perhaps the most explosive growth in POD has occurred in producing ...Xerox, offering medium-duty binding and trimming options tied to the Xerox DocuTech line of **digital** cut-sheet **imagers**. At Graph Expo '00, for example, Standard displayed an inline books-on-demand system consisting ...Print Manager, a Windows-based client-server processing and management platform. Print Manager basically imposes **digital images** four-up on a single sheet; that is, two-up on each side so that...numerics that indicate the first sheet or page of a book set, sequential information to **verify** that the rest of the book or document set is in **order**, and a finish-set "flag."

How does the quality of products these FOD systems produce...

**21/6,K/38 (Item 4 from file: 148)**

DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

13039628 SUPPLIER NUMBER: 67882676 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**INFORMATION FULFILLMENT: AN EVOLVING BUSINESS MODEL.**  
Nov, 2000  
WORD COUNT: 2454 LINE COUNT: 00204

Fulfillment warehousing of finished printed goods has been a common practice for **printers** since J. Gutenberg overran the initial **order** of Bibles. This increased **print**-run practice remained relatively static for its initial half-dozen centuries as simply an additional...

...for the next five years, primarily due to the maturing of both corporate clients and **printers**. These parties will be adding Internet services for **order** entry and follow-up monitoring as the **printers** move upscale to charge for value-added fulfillment services.

CRAWL, WALK, JOG, SPRINT

There are...

...tools by means of Internet access and dedicated fulfillment software. Sprint: Provide custom information and **images** with **digital** asset management and printing to add distinct, timely value to the overall process.

If you...

...long-distance charges--either dial-up by the client or toll-free.

\* How frequently are **orders** being placed (per day or per week)? The manager and person actually performing the task...logs are ideal but often not maintained. Daily shipping logs by UPS or FedEx will **verify** frequency. If shipping logs for the past year are available, they will show potential seasonal peaks in demand. Discuss these spikes in demand with management to **ascertain** whether they were onetime occurrences, e.g., a new office opening up, or predictable, such...

21/6,K/39 (Item 5 from file: 148)

DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

09062585 SUPPLIER NUMBER: 18760881 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Missions accomplished: 1996 InterTech winners. (Graphic Arts Technical Foundation's InterTech Technology Award)**

Oct, 1996

WORD COUNT: 5199 LINE COUNT: 00433

... to-digital transition. The Kodak thermal plate is also ideal for individual jobs in which **digital** and film **images** must be combined on the same sheet.

Promoted by Kodak for its rather long run...

...four-micron spot--Kodak's thermal plate is also delivering significant cost savings.

Unlike other **digital** lithographic plates, direct **image** thermal plates are **imaged** with heat, not light. To create a thermal plate image, heat is applied until a...Using digital files from all popular desktop publishing systems, in industry-standard formats, Indigo's **Digital** Offset Color technology instantly produces high-quality, full-color **images** and text on paper and non-paper substrates, without the need for film separations or...and PearlDry ABL for waterless applications.

The PearlSetter Series 52, 74, and Plus models are **digital** computer-to-plate **imagers** targeted at the two- and four-page printing markets. RIP and PearlSetter system images thermal...job specifications, which automates many print-production functions, including creating magazine edition break-ups and **verifying print - order** counts. Programs can generate production analyses and forecasting reports for job tickets, press imposition, bindery...

...line controller software. The makeup data files include the ads and editorial copy, pagination, signatures, **print orders**, and editions. The press plans include makeready and spoilage estimates; imposition pagination; run sequencing; and...

21/6,K/40 (Item 6 from file: 148)

DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

06419524 SUPPLIER NUMBER: 13604288 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**GTE Government Systems gets a handle on accounts. (GTE Government Corp.)**  
**(Imaging: Companies Go Paperless)**  
Jan, 1993  
WORD COUNT: 628 LINE COUNT: 00049

... KAR Mainframe System, for the computer-assisted retrieval of microfilm records, and a Kodak Imagelink **digital** workstation. The workstation gives users the ability to digitize microfilm **images** and electronically transmit them to networked workstations or remote fax machines.

I wanted a system...

...my willingness to install this configuration of equipment.

It's a planned evolution. With our **digital** workstation, we can convert film **images** to **digital images** that can be stored on an optical disk or magnetics if we desire.

We also...

...Thomas.

Requests generally come from in-house auditors or outside vendors, who may need to **verify** a signature or invoice amount. On-line users can access basic invoice information, including the...

...from the mainframe by keying the invoice number. If further information is needed, users can **order** a **print** of the invoice.

Immediate access information is nice, but for me, document security is the...

21/6,K/41 (Item 7 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

06408886 SUPPLIER NUMBER: 13446017 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Microsoft announces video for Windows.**  
Jan, 1993  
WORD COUNT: 4740 LINE COUNT: 00393

...ABSTRACT: Components of the system include Media Player for cutting, pasting and playback; VidEdit, which has **digital** video compression capabilities; and VidCap, which allows **digital** video **images** to be converted from analog sources. Also included is Intel Corp's Indeo video technology.

... eliminating the need to learn or install additional software applications. Inventory allows for immediate online **order confirmation** and on-site **printing** of **confirmation** slips and reports. Inventory data is updated weekly.

The Ordering module is available free. The...V, OSF, and Berkeley derivatives such as the ULTRIX operating system.

For more information, contact **Digital** Equipment Corporation, Maynard, MA 01754.

**Image** Xpert Printing Systems from XLI Corporation  
The Image Xpert 1000 from XLI Corporation is a...

21/6,K/42 (Item 8 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

03929442      SUPPLIER NUMBER: 07755147      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Direct Marketing software guide. (guide for software packages for  
marketing)**  
June, 1989  
WORD COUNT:    21429      LINE COUNT:    01876

...      process records either in batch or one by one. The system will:  
add, correct or **confirm** 5-digit ZIP codes; assign carrier route codes;  
insert ZIP+4 codes; and correct street...

...package for an integrated direct marketing system. It handles: list  
management; merge/purge; deduplication; mail **order** one shot/catalogue  
fulfillment; mail **order** continuity fulfillment; club continuity  
fulfillment; limited continuity fulfillment; magazine subscription  
fulfillment. Specs: Runs on IBM...features: Program simplifies on-line  
Canadian address entry by reducing keystrokes, eliminating spelling errors  
and **verifying** and standardizing address, city and province names. Specs:  
Runs on IBM DOS/OS/MVS/VM...1400 (Est. 1981) 800/368-5806; 301/982-2000  
Package features: Program adds, corrects and **confirms** 5-digit ZIP codes,  
appends ZIP+ codes, adds carrier route codes and standardizes addresses on  
...

...offers based upon all available information; spontaneous requests for  
proposal/information, e.g., over phone; **orders** /applications with written  
**confirmation** ; and decision making supported by automatic credit scoring.  
Specs: Runs on IBM mainframe/AS400. Training...P.O. Box 261430, San Diego,  
CA 92126 (Est. 1985) 619/695-6956 Package features: **Digital** Darkroom is  
an **image** processing program for the Macintosh that functions as a  
computerized darkroom to enhance and compose...mailing system that  
features: city and state entered automatically from ZIP code, sort in any  
**order** (including bulk mail), **print** labels 1-4 up, **print** sack labels,  
CR encoding, ZIP+4 encoding, print barcodes, global updating,  
import/export, eliminate dupes...on-line entry and editing of catalog item  
data and incoming customer mail and phone **orders** . Performs **order**  
splitting, back **order** notification, packing document **printing** , sales  
tax calculation, **order** monitoring, credit checking, operator statistics  
and interfaces with other organizations systems. Specs: Runs on any...

...Square, Ste. 86F, Berkeley, CA 94704 (Est. 1983) 415/540-8396 Package  
features: The Mail **Order** Accountant has the following features: **prints**  
customer lists and labels in seven formats; nine inventory price  
levels/discounts; provides **order** entry, accounts receivable, customer  
payments by cash/credit card; **prints** shipping labels, credit card slips,  
UPS shipping manifests, sales tax reports. DataBase III Plus source...  
Second Class II (\$295), which bulk sorts addresses according to 2nd class  
mailing regulations and **prints** in package mailing **order** . Works with  
ASCII data files created by other programs. Mail-Second Class III (\$395),  
with...

...I (\$49.95) bulk sorts addresses according to 1st and 3rd class mailing  
regulations and **prints** in package mailing **order** . Also **prints**  
sortation report and ZIP count summary. Mail-Bulk Rate II (\$195) works with  
ASCII data...

**21/6,K/43      (Item 9 from file: 148)**  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

01752200      SUPPLIER NUMBER: 02741182      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Automatic handling system cools "hot" paperwork problem.**

May, 1983

WORD COUNT: 1209 LINE COUNT: 00101

... engineers to "talk" directly to the system using push-button telephones. They are able to **verify** revision status and instantly **order** hard copy **prints** and diazo microform duplicates. A synthesized voice response **confirms** an engineer's drawing request and provides the current revision level of a document. Drawing...

...of a fiber optics communications link between the various general offices buildings. High resolution video **images** and **digital** data can be transmitted more than six miles. Through an alphanumeric display, engineers can query...

**21/6,K/44 (Item 1 from file: 275)**

DIALOG(R)File 275:(c) 2005 The Gale Group. All rts. reserv.

02101588 SUPPLIER NUMBER: 19758614 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Print '97: U.S. plays host to digital imaging and other technologies.

(McCormick Place, Chicago, Sep 3-10) (includes related article on new technology and products in large-format printing) (Industry Trend or Event)

Sep 1, 1997

WORD COUNT: 30244 LINE COUNT: 02368

... to demonstrate different aspects of using the Internet in this fashion:

- \* Colorbus-document distribution.
- \* Integrated **Printing** Communications- **order** taking and **printing** using a product that has been undergoing testing for a year.
- \* Logic Associates-placing and tracking **orders** .
- \* Megaworks-using the Web as a resource for **printers** , including through on-demand **printing** .
- \* Moore/NEPS-handling catalog **orders** .
- \* Pace-sending files for **printing** .
- \* Programmed Solutions-managing a printshop.
- \* Streamline Solutions-managing printing.
- \* Tailored Solutions-job management and printing...systems. Agfa had a big presence in the CTP field at Imprinta with a new **imager** and new **digital** plates:

\* C Galileo CTP system in U.S. premiere-an eight-page, internal-drum system...incorporates new color-management technology, Kaleidoscope Plus.

Also in the booth will be the Cyrel **Digital Imager** , which now features a TwinBeam option, and the FastRip/D.

Base-Line 1994

Base-Line...is now available for NT. With only 64 MB of RAM, users can work with **images** as large as 400 MB with no noticeable delay.

**Digital Art Exchange 7971**

DAX uses high-speed telecommunications (ISDN) as well as hardware and software...until Drupa 2000.

The technology uses lithographic processes but no film or plates. It takes **digital** data and, using a laser, applies the **image** to a printing cylinder coated with chemicals that respond to the laser energy. The nature ...printing and communications development for prepress and print providers. Called PrintEngine, it is essentially a **print** -and-distribute

system that features online **order** entry and digital transmission of files via ...that includes facilities for automating the flow of work through the critical functions of OPI **image** handling, **digital** proofing, page imposition and rasterization. It's the next step up for IPT, which started ...

...software for analysis and profile building.

On hand will be Kodak's full line of **digital** cameras, color proofers and large-format ink-jet machines, demonstrating **image** capture, distribution, management, proofing and printing.

Kodak will also host the first thermal-product user...Heidelberg

Logic Associates 7941

C Logic's new WebPartner software uses the Web to give **print** buyers more control over their **orders** and jobs. It enables a **printer**'s customers to gain direct access to product and job information over the Internet. It...

...quote requests, history and status reporting, and orders for finished goods. Other functions, including direct **order** entry by the customer, are in the works.

**Printers** who have their own network server and Internet connection will be able to run WebPartner...and reseller, will offer live demonstrations of workflow options for CTP and film output, with **digital** proofing and color and **image** management. It will feature software from Luminous, Artwork Systems, Meta Communications, ScenicSoft and Archetype. London...has a maximum image size for conventional imaging of 29.5 29.5. The maximum **image** area for **digital** data is 20 14. Misomex's Masterplanner NT software is used to handle the input...plate format of 15.9 20 to support Heidelberg and Ryobi presses.

\* The QuickSet SL **digital** silver platemaking system **images**, punches, processes, cuts and dries plates in one compact unit. It supports resolutions from 900...Web hosting services, URL registration and the ability to send files over the Internet for **printing**.

The system also allows customers to receive price quotes, place **orders**, inquire about job status and check on their finished goods inventory.

Palos Software 6173

Palos...interchange (EDI) for publishers and printers.

Key features of MagPro include an integrity check to **verify** publication details, such as blank pages, components not placed, editions with low or no counts...

...to define placement rules, component and coupon colors, and fonts, and to override spoilage and **print order** calculations; and automatic placement of components on pages in preferred positions.

Purup-Eskofot 7227

Purup...of its F8 scanner, called the F8 Plus; and new software features for the Carnival **digital** camera.

\* The DotMate 4900, a two-up film **imager** that replaces the DotMate 4000, sports a 30,000-rpm spinner. It has an increased...color simulation, user-definable halftones, preflight checks and progressive proofs, job reporting, job ticketing, a **print** preview, reverse- **order printing** and electronic collation. A new Web server option allows jobs to be managed via the...

...company's president, points out that the main role the Internet will play in the **printing** industry is in the fulfillment of **orders**, not in the actual **printing**. Customers will be able to **order** jobs in bulk and have **printers** ship copies to desired destinations. The print shop of the

future will handle not only...

**21/6,K/45 (Item 2 from file: 275)**

DIALOG(R)File 275:(c) 2005 The Gale Group. All rts. reserv.

01624995 SUPPLIER NUMBER: 14483440 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Color systems and commercial composition at IPEX '93. (international printing exhibition in Birmingham, U.K.) (includes related article)**

Nov 1, 1993

WORD COUNT: 24014 LINE COUNT: 01843

... the hottest new products at the show. Since that time, our early faith has been **confirmed** ; Dalim has landed a number of significant **orders** from major companies in the color repro market. It has also garnered a feather in...effectively and add some more functionality.

Sales. Amicus did have a profitable IPEX, taking orders **totaling** about Pound sterling 50,000 from printers **including** Berhanena Salem Printing Press, the government printers of Ethiopia. Its system now supports both Arabic...and color), EPA and Reuters picture services.

It also uses Diwan's CommsNet II digital **photo** receiver to receive digital **images** from correspondents using the Z-modem protocol.

Since the show, Diwan has told us this installation...

**21/6,K/46 (Item 3 from file: 275)**

DIALOG(R)File 275:(c) 2005 The Gale Group. All rts. reserv.

01153391 SUPPLIER NUMBER: 00592156 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Video Wizardry with PC-EYE.**

Feb. 19, 1985

WORD COUNT: 4321 LINE COUNT: 00305

... up into small, discrete blocks called pixels. Each pixel has a specific location in the **image** matrix, and each has a **digital** value that presents black, white, an intermediate shade of gray, or another color. Here's...get by with it very nicely for text, but graphics are another matter.

So I **ordered** the chips and converted my **printer** to full compatibility with IBM. The operation was painless enough. The problem was, it didn't...

...my altered printer, even using the test program used in PC's printer issue to **verify** that my printer was now compatible with IBM in the graphics mode. It checked out...

**21/6,K/47 (Item 1 from file: 9)**

DIALOG(R)File 9:(c) 2005 The Gale Group. All rts. reserv.

03820812 Supplier Number: 138752228 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Printing with the AC: the process can be complicated when ordering prints at kiosks and online.**

November 2005

WORD COUNT: 1302

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**Printing with the AC: the process can be complicated when ordering**



prints at kiosks and online.

TEXT:

...photo-quality inkjet printer was out of service, too. The AC had been printing his **digital images** at home, and now decided to give kiosks a try.

He visited a specialty shop...

...to have prints made in 5 minutes. He stood there watching other people's finished **prints** coming from the Gretag minilab.

He had assumed, when someone **ordered prints** in minutes at the kiosk, the lab would finish the current roll and, in some way or another, send his kiosk **order** to the front of the queue.

He also thought his **prints** were going to have the same high-gloss surface as the prints dropping into the bin. The technician said the glossy surface was for extended-service **orders**. His **prints** would be much less glossy, and she nodded to something on the other side of...

...satisfied with both orders, as well as the choice of surfaces, he decided to try **ordering prints** online from a nearby store, and to pick up his finished order in person.

He...

...plus one at the bottom of the screen, placed below an itemized description of his **order**. Were customers supposed to hit both buttons or choose just one? The AC did the latter and received his **order confirmation** minutes later in his e-mail box.

He later received an e-mail notice, a...

21/6,K/48 (Item 2 from file: 9)

DIALOG(R)File 9:(c) 2005 The Gale Group. All rts. reserv.

03222589 Supplier Number: 111697101 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Kiosks prove beneficial to retailers.**

December 2003

WORD COUNT: 1580

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...But once they know how to do it, it's great. As far as getting **digital images** off cards, it's the ideal way to do it. I use it all the time for my own **digital** files."

The majority of Crown **Image**'s customers use the kiosk to get 4-by-6 prints from their digital media...

...because it eliminates our need to handle the media. You just press the button to **confirm** the **order** on the kiosk, and it's automatically sent to the d.lab," he says. "The **order** number comes up, and a receipt is **printed**. We produce an envelope and write the **order** number on it, and the lab **prints** it. It's very easy."

While some customers choose to stay and wait for their...

...common upload source at kiosks in 2002.

\* Less than 10 percent of kiosk users uploaded **images** from **digital** sources, such as camera memory cards, floppy disks, and CD-ROMs

\* Ninety-one percent of...

**21/6,K/49** (Item 3 from file: 9)  
DIALOG(R)File 9:(c) 2005 The Gale Group. All rts. reserv.

03183234 Supplier Number: 108788116 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Connecting photographers and labs: labs have many options when it comes to online workflow solutions.**  
October 2003  
WORD COUNT: 4132

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...which enables photographers to use album templates from suppliers, create preview slide shows, and place **orders** for album products. It also features templates for **printing** that can be viewed in the correct rotation, and an interface for applying a logo...

...proof--making it easier to organize and compile. Another key features allows photographers to send **print orders** to a Studiomaster PRO authorized lab or **print orders** from a directly connected Fujifilm Pictography 4500, 4000II or 3500 digital printer.

The Studiomaster PRO...

...Full Color is completely digital, film negatives are scanned, which allows photographers to ease into **digital** if they wish. ProShots photographers can post album pages and **images** on the Internet for their customers, using a password-protected website. Payments by check or...

...the client.

After images are uploaded to Collages.net through MyLabPartner.net (or by the **digital** photographer directly), the photographer organizes the **images** for the Slideshow and Proof Book. The Web-based tools now allows photographers to use...

...pro lab). The client software allows the professional photographer to create, package and transmit a **print order** to any partner lab. It also allows the photographer to **confirm** lab capabilities such as available print sizes, enhancements and premium services. As part of the...

...and sell to digital photographers. The fulfillment server software is responsible for receiving, proofing and **printing** the lab **order** from the client software. Labs receive digital **orders** via the Internet or on a protected CD-ROM directly from the photographer.  
Express Digital...

...only are there no paper proofs for labs to keep track of, there are no **digital images** to store. Dalzell has used Pictures4Life.com for more

than a year, and expects to continue as more photographers and labs go **digital** . Currently, Dalzell scans film and accepts **digital images** from its photographers to use with Pictures4Life.com.

The only challenge in using the Pictures4Life...

...the lab. The photographer sets the pricing and sizes available, and collects payment for the **orders** . Each lab participating in the program offers its own **printing** options. Photographers can sign onto the system directly through their labs.

The Eventpix software...

...1994.

Photographer customers have the option of using a lab for the fulfillment of online **orders** . Stringfellow said Image Displayworks will contact the photographer's favorite **print** lab and ask them to join the Lab Partner Program, which is free for them...

...and 4-by-8 photo greeting cards. The lab also uses the Polielecttronica Laser Lab **Digital** Printer for **images** on photo paper in sizes up to 20-by-30.

MorePhotos and LabImages

In January...

...MorePhotos technology through LabImages to offer its photographers the option of posting their film or **digital images** online. Operations Manager Khris Kramer said NC TriColor uploads the images and creates a website...

...independent, yet integrated software applications, WorkStream IA for labs and WorkStream DS (Digital Studio) for **digital** studios and photographers. It is used to prepare **images** and **orders** that will be **printed** at the photo lab. All aspects of the **order** can be entered directly by the photographer. WorkStream DS automatically generates an order archive and...

21/6,K/50 (Item 4 from file: 9)  
DIALOG(R)File 9:(c) 2005 The Gale Group. All rts. reserv.

02714707 Supplier Number: 25023878 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**NYC Printers Discover Benefits of Rolling Out Variety of Homegrown  
E-Commerce Solutions**  
October 15, 2001  
WORD COUNT: 2326

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...accounts that regularly use ActiveStatus, says Mr. Weiss. The system is ideal for companies that **order printed** products on a periodic basis, firms with decentralized locations that **order print** , as well as those with product-intensive **print** projects, he says. "But the people at these companies also have to be cutting-edge..."

...via e-mail, or by outputting the PDF pages and faxing marked-up hard copy **prints**. This eliminates the need to make multiple proofs in **order** to make simple revisions, Mr. Weiss says.

Digital Asset Strengths  
The system also includes content...

...content for repurposing," he says.

Especially useful for product shots captured in the firm's **digital** photography studio, MySuperFile allows Cosmos desktop operators to place

**images** captured in the photo studio into an archive and apply keywords using client-specified categories...

...admits that he would like to see more Cosmos customers using ActiveStatus to streamline their **print** -purchasing activities. The problem, he says, is that **ordering print** online represents a departure from the traditional way people are used to working. "The promise...

...wasn't for this, I would be having problems."

Operational since April, Sprint's online **print - ordering** system weekly pulls in approximately 20 **print** jobs, comprised mainly of brochure, postcard, business card, and booklet projects. Clients **ordering print** online range from SoHo firms to large corporations, says Mr. Rosinsky. The shop operates two...

...client approves the PDF online--or calls in changes and approves a subsequent PDF--Sprint **prints** the **order**.

"Most of our online color work is based on the 'pleasing color' standard," says Mr...

...of obtaining a patent for the technology. He says he eventually may sell the online **print - ordering** system to other **printing** companies. "There ultimately may be more value in the software we developed than (in) my...

...could be, if you took a lot of the guesswork out of placing an online **print order**."

The main concern when developing the system was to create an online interface that was...

...add in special instructions related to special finishing options and shipping information," he says. The **order** and attached files are delivered to Adcomm, and the user receives a **confirmation** message.

Users also can track past-job histories and view digital archives of previous projects...

...us to get a messenger to them." Customers who seem to be most willing to **order print** online are those who regularly buy other Internet-based goods and services, he adds.

"Many...

DIALOG(R)File 9:(c) 2005 The Gale Group. All rts. reserv.

02136250 Supplier Number: 25650180 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Feature Profile: Shutterfly.com opens up**

April 2000

WORD COUNT: 1843

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...of taking the shoebox and scanning that in, getting it online, and being able to **order print** stuff. That was an early idea I thought was clever.

photo omitted

"But as we...

...automation capabilities. He recalls with glee an anecdote where a customer received their e-mail **order confirmation** 12 minutes after placing the **order**. In other words, the files were received in the lab, **printed** and in the mail in 12 minutes.

Baum concedes this is an anomaly -- the customer got lucky when the **order** fell into the **print** queue -- but it does illustrate the efficiency potential of the system.

Shutterfly also has custom...

...model. We correct for all that."

Of all the sites one can visit to have **digital images** made into photos -- and there are a lot of them -- what are the features offered...

...If you frame it, it's even longer than that," she said. "Being able to **order prints** online, enlargements and/or physical framing are far more convenient with Shutterfly. Simply upload the...

...Herendeen

Vice President, Strategic Sales: Alan Louie

Features

Drag-and-drop image uploading

Single-click **ordering**

Mail to multiple recipients

Private **image** sharing

**Prints** optimized for **digital** cameras

Custom backprinting

Financing

\$25 million in two rounds of venture capital. Investors include Jim...

...has come up with a simple table, shown below, that consumers can refer to when **ordering** their **digital prints**. (The **image** size is also clearly indicated, along with a recommended print size.)

Resolution	Maximum print size...
------------	-----------------------

21/6,K/52 (Item 1 from file: 20)  
DIALOG(R) File 20:(c) 2005 Dialog. All rts. reserv.

41121103 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
 NEC: NEC LCD Technologies ac21.3 Inch LCD with RGB LED back light  
 technology  
 March 10, 2005  
 WORD COUNT: 1157

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... matching between the display screen and other input and output ("I/O") equipment such as **digital** cameras, **image** scanners or printers is necessary. In addition, the tuning range of the white balance of...

...color space efficiently to date. Therefore, designers and color proofing operators have been forced to **print** test sheets repetitively in **order** to **confirm** whether the intended appropriate color has been actually reproduced or not. Thus, display units supporting...

21/6,K/53 (Item 2 from file: 20)  
DIALOG(R) File 20:(c) 2005 Dialog. All rts. reserv.

40753789 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Sony Electronics' ImageStation.com Joins With CVS/pharmacy on In-Store  
 Photo Pick-Up Service**  
 February 18, 2005  
 WORD COUNT: 338

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Consumers can now upload their **digital images** from their home/personal computers to ImageStation.com and can choose to pick up their photos at their local CVS store. At ImageStation.com, consumers configure and **confirm** their **order** which is then shipped to the nearest CVS/pharmacy for pick-up. A CVS store...

...CVS/pharmacy.

"This collaboration provides busy consumers and photo enthusiasts with an additional choice for **ordering** their **prints**," said Bob Nell, vice president of network solutions for Sony Electronics eSolutions Company. "This is...

... is Sony's online photo service that allows consumers to upload, store and share their **digital images** and video clips online. Members of the service can also **order** high-quality photo **prints** in a variety of sizes and unique photo gifts including coffee table books, mugs, puzzles...

...online photo albums directly from web-enabled mobile phones.

For Sony Electronics' news releases and digital images, visit

<http://www.sony.com/news>. Photo: <http://www.newscom.com/cgi-bin/prnh/20020313...>

**21/6,K/54 (Item 3 from file: 20)**

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

35538952 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**XEROX: Xerox secures major new customer contracts, attracts 68,000 guests to date at Drupa 2004 Exhibition**

May 14, 2004

WORD COUNT: 885

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... digital document production and services.

TED Gigaprint chooses Nuvera systems From Holland, TED Gigaprint has **confirmed** the first **order** of Digital Production Systems in Europe, along with another DocuColor iGen3. The company already prints...

... paper handling and taking advantage of Xerox's quality of technical service.

The Ruffeisen Bank **ordered** a Xerox continuous-feed **printer** with a Xerox DocuSP controller application to print transactional statements and business materials. The DocuPrint...

...and expand into high-growth markets.

The company is also showing the industry's broadest **digital** portfolio - up to speeds of more than 1,000 **images** per minute - designed to print everything from paperback and hardcover books to personalized travel brochures...

**21/6,K/55 (Item 4 from file: 20)**

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

34662889 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**PhotoBox: Find out how to get 50 of the best PhotoBox prints from your new digital camera for free!; 50 free prints for new digital camera owners from [www.photobox.co.uk](http://www.photobox.co.uk)**

March 26, 2004

WORD COUNT: 758

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...s leading online digital photography service, which allows users to store, share and print their **digital images** online has a great incentive for those keen to see what their new digital cameras...

... and involves no obligation - register at [www.photobox.co.uk](http://www.photobox.co.uk)

When you have received your **confirmation** email, all you need to do is go online and place your free **print order**. Maybe even get creative as well - there are a whole range of items such as...

... 6"x4" and 5"x3.75". This offer does not include postage and packaging. Free **prints** do not apply to Pro Gallery **orders**. All standard terms and conditions apply (<http://www.photobox.co.uk/legal>). Free prints will...

... The company is chaired by Colin Glass who has considerable related

experience.

PhotoBox customers can **order** photographic **prints** up to poster sizes and a wide range of gifts products including greeting cards and calendars featuring their own **digital images**. Each customer is given up to 100MB of free online **digital image** storage. In addition, PhotoBox users can share **images** with friends and family online, and can even send pictures to mobile phones.

PhotoBox Awards...

**21/6,K/56 (Item 5 from file: 20)**

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

30382436 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**KODAK: Kodak Professional expands ProShots system offerings to include complementary products and services, training, e commerce credits; \$249 now buys special access to 'partners,' covers equal amount of transaction fees**

July 28, 2003

WORD COUNT: 1069

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...ProShots system, and it supports two of Kodak's four "Critical Few" business strategies: making **digital** imaging easier, and increasing the volume of printed **images**.

... and business workflows.

Kodak ProShots System v6.0 offers a number of important enhancements:

- \* Batch **order** proof **prints** Proof **prints** or proof pages from digital camera files can be batch- **ordered** in a single transaction for increased efficiency in the studio.

- \* Combine, split and reorganize proofs...

...services to increase sales per event or sitting.

Other improvements allow zooming and cropping within **digital** templates. Templates and **images** in the album builder are available to create and present **digital** albums to customers.

Better navigational features permit faster toggling between screens for greater productivity. New on-screen status bars allow photographers to check the progress of **order** transmissions, which provides **confirmation** that the **order** has been successfully received.

For more information about the operational capabilities and all of the

...

... with digital and traditional products and services; Health, supplying the healthcare industry with traditional and **digital image** capture, storage and output products and services; Commercial Imaging, offering image capture, output and storage...

**21/6,K/57 (Item 6 from file: 20)**

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

27843955 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**EASTMAN KODAK COMPANY: Enhanced Kodak ProShots System gives pro photographers more tools that improve connections with customers, labs; Software, training, online service improvements speed studio workflows**



March 03, 2003

WORD COUNT: 924

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Streamlining the Studio

Kodak ProShots System v6.0 offers a number of important enhancements:

\* Batch **order** proof **prints** Proof **prints** or proof pages for digital camera files can be batch- **ordered** in a single transaction for increased efficiency in the studio.

\* Combine, split and reorganize proofs...

...services to increase sales per event or sitting.

Other improvements allow zooming and cropping within **digital** templates. Templates and **images** in the album builder are available to create and present **digital** albums to customers.

Better navigational features permit faster toggling between screens for greater productivity. New on-screen status bars allow photographers to check the progress of **order** transmissions, which provides **confirmation** that the **order** has been successfully received.

"These enhancements help portrait, wedding and other photographers reap the greatest...

... The company is a major participant in "infoimaging," a \$385 billion industry composed of devices ( **digital** cameras and PDAs), infrastructure (online networks and delivery systems for **images** ) and services & media (software, film and paper enabling people to access, analyze and print images...

... 8 billion, is organized into four major businesses: Photography, providing consumers, professionals and cinematographers with **digital** and traditional products and services; Commercial Imaging, offering **image** capture, output and storage products and services to businesses and government; Components, delivering flat-panel...

... and sensors to original equipment manufacturers; and Health, supplying the healthcare industry with traditional and **digital image** capture and output products and services.

For information about Kodak Professional, customers may call: 1...

21/6,K/58 (Item 7 from file: 20)

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

26557227

**Giant Eagle signs with PhotoChannel to launch online photo service**

December 12, 2002

WORD COUNT: 491

PhotoChannel to build branded service for Giant Eagle customers to **order prints** online PITTSBURGH, PA and VANCOUVER, BC, Dec. 12 /CNW/ - Supermarket retailer Giant Eagle, Inc. ("Giant...

... stores. The new service will allow Giant Eagle to offer its customers the ability to **order prints** from **digital images** through the Giant Eagle website at [www.gianteagle.com](http://www.gianteagle.com) for pickup at their selected Giant...

... leading edge technologies offered by PhotoChannel, including the new

PhotoChannel version of the Windows XP **Order Print** Wizard, the PhotoChannel **Print Order** Wizard, the PhotoChannel Wireless service and the PhotoChannel full site service of albuming, editing, archiving, sharing and printing of **digital images**. Giant Eagle is planning to launch its online photo service shortly after this holiday season. "Giant Eagle is excited about providing an online **digital image** printing service to our customers," said Giant Eagle Senior Vice President of Marketing Laura Karet...

... PhotoChannel. "Having a leading retailer the size of Giant Eagle choose the PhotoChannel Network solution **confirms** that our business model of tailoring technology for the photo retailer will be the preferred...

...to their consumers and believe that they will capture a very large piece of the **digital image** printing business both within their geographic reach and beyond." About Giant Eagle - Giant Eagle Inc...

... PhotoChannel has created and manages the open standard PhotoChannel Network environment whose focus is delivering **digital image orders** from capture to fulfillment under the control of the originating PhotoChannel Network partner. There are now over 700 retail locations accepting **print orders** from the PhotoChannel system. For more information visit [www.photochannel.com](http://www.photochannel.com).

VIEW ADDITIONAL COMPANY-SPECIFIC...

**21/6,K/59 (Item 8 from file: 20)**

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

15396938 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The education of paper: It's not going to play the same role as it does today**

March 01, 2001

WORD COUNT: 855

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... response from a computer, making inventory much easier.

One company, Digimarc, can merge almost imperceptible **digital** code with an **image** on paper. The code can then link to a Web site. Good Housekeeping used the...

...have a future.

As e-commerce and e-mail grow, so does the need for **printing** messages, packaging products, distributing catalogues, and running off **confirmation orders**. A study by Boston Consulting Group showed a growing demand for so-called cut-size...

**21/6,K/60 (Item 9 from file: 20)**

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

15314557 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Paper Industry Insists It Has A Future in Digital Age**

February 24, 2001

WORD COUNT: 835

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... response from a computer, making inventory much easier.

One company, Digimarc, can merge almost imperceptible **digital** code with an **image** on paper. The code can then link to a Web site. Good Housekeeping used the...

...have a future.

As e-commerce and e-mail grow, so does the need for **printing** messages, packaging products, distributing catalogs, and running off **confirmation orders**. A study by Boston Consulting Group showed a growing demand for so-called cut-size...

21/6,K/61 (Item 10 from file: 20)

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

11111684 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**PhotoBox: PhotoBox delivers high quality prints for digital camera owners via the Internet; PhotoBox provides the missing link to make digital cameras universally accessible for the mass market**

May 19, 2000

WORD COUNT: 1016

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... create your own albums. Then you simply select the photos you want and place the **order** online. **Prints** are produced using state of the art digital imaging technology on high quality photographic paper...

... executive Graham Hobson says: "Digital photography offers many benefits over conventional, you can store the **digital** data which is less vulnerable, manipulate the **images** and there is no film cost. With the addition of the PhotoBox service, we can...

... like for free and can view them before deciding which to keep. Similarly, when you **order** the **prints** via the PhotoBox web site, you only **order** the **prints** you want. Also, because you know which pictures are good, you can order multiple copies...

... capable of producing such files, which are the most efficient way of transmitting and storing **digital images** on the Internet. Alternatively, professional- quality **images** (usually bitmap files) of several megabytes in size can be converted to JPG, using one...

... of the location and login details for the shared album, they can then view and **order prints** directly.

How long will PhotoBox keep my photo albums five and should I keep backup files?

If no **prints** have been **ordered** by a customer in six months, PhotoBox will send you an email before archiving your **images** to tape. We do recommend that you archive your own **digital** files for **images** you want to keep.

Is the site secure for online transactions?

PhotoBox uses a leading...

...secure trading and secure links.

What order traceability and guarantees does PhotoBox provide?

When an **order** is placed for **prints**, PhotoBox sends the customer a **confirmation** of **order** by email. We also use an effective barcode

tracking system to ensure a highly reliable service and despatch all **orders** by first class post.

Can orders be despatched to other addresses including outside the UK  
...

**21/6,K/62 (Item 11 from file: 20)**

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

11030677 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**ENCAD(R), Inc. Adds New Retail e-Commerce Channel for U.S. Sales**

May 15, 2000

WORD COUNT: 722

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...Web

SAN DIEGO, May 15 /PRNewswire/ -- ENCAD, Inc. (Nasdaq: ENCD), a world-class innovator in **digital image** printing technology, announces the grand opening of the [www.encadstore.com](http://www.encadstore.com) a new, U.S...

... shipment arrived."

Seamless integration ensures successful transactions on the Net

Once customers have placed an **order**, the [www.encadstore.com](http://www.encadstore.com) queries ENCAD's Oracle(R) Financial system to ensure that the...

... and the customer's credit card is authorized, the [www.encadstore.com](http://www.encadstore.com) automatically processes the **order** by billing the customer, sending shipping instructions to the ENCAD warehouse, and sending a **confirmation** email to the end-customer. The seamless integration of the [www.encadstore.com](http://www.encadstore.com) with other ENCAD business systems provides the store with the capacity to process multiple **orders** simultaneously, seven days a week. The [www.encadstore.com](http://www.encadstore.com) helps ENCAD better service the specific needs of e-buyers on the net.

About ENCAD

ENCAD, Inc., a leading innovator in **digital image** printing technology, offers a broad line of wide-format color inkjet printers, software utilities and...

SIC CODES/DESCRIPTIONS: 2700 ( **Printing** & Publishing); 7375 (Information Retrieval Services); 5961 (Catalog & Mail **Order** Houses)

**21/6,K/63 (Item 12 from file: 20)**

DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

06724309 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**KODAK: Kodak offers Quick Prints service for easy online ordering of pictures**

August 16, 1999

WORD COUNT: 258

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**KODAK: Kodak offers Quick Prints service for easy online ordering of pictures**

... 16, 1999, M2 Communications - ROCHESTER, N.Y. -- Kodak today announced the release of Kodak Quick **Prints** -- convenient online service that allows consumers to quickly upload and **order** high-quality **prints**

of their **digital images**. Quick **Prints** from Kodak PhotoNet™ Online Print Service solves the dilemma many digital camera users have faced for years how to easily print **digital images** on high-quality photographic paper.

The Quick Prints service is browser-based and does not...

... of products from prints in a variety of sizes to unique photo gifts. Consumers can **order** one **print** or as many reprints and gifts as needed. The price is \$0.75 for a 4x6 **print** plus shipping and handling ( **order** minimum pricing may be in effect). After entering billing and shipping information, the consumer will immediately receive an **order confirmation** number. Estimated upload time for a megapixel image is two minutes with a 28.8K...

"Quick Prints make picture-taking more convenient than ever before, allowing consumers to easily **order** photo-quality **prints** of their **digital images** by following just a few simple steps," explained Cynthia Heigold, Product Manager, Online Print Services...

21/6,K/64 (Item 1 from file: 610)

DIALOG(R) File 610:(c) 2005 Business Wire. All rts. reserv.

00763553 20020819231B4108 (USE FORMAT 7 FOR FULLTEXT)

**Applied Science Fiction -ASF- Announces First New York City Retail Test of Digital PIC Dry Film Processing Technology-Camera Land(TM) in New York, NY, Begins Testing ASF's Digital PIC Kiosk**

Monday, August 19, 2002 08:01 EDT

WORD COUNT: 1,027

...their exposed film into the kiosk for automatic film processing, printing, and the creation of **digital image** files. During the development process, users can then select the images they want printed and...

...centers, post offices, and libraries.

"Our Digital PIC kiosk empowers consumers to build their custom **print order** at the time of film development, when excitement about their pictures is the highest thus...

...ASF's president and CEO.

"Early feedback from customers using the system at Camera Land **confirms** our pre-launch independent market research that found features such as ease of use, self-service, selecting and editing **images** for printing and enlarging, obtaining a DigiPIX **digital** negative on CD, and ready access to high-quality photofinishing anywhere at anytime are important...

...a roll of exposed but undeveloped film as it is fed through the processor's **image** -capture engine. The environmentally friendly **Digital** PIC process requires no water, generates no hazardous effluents, and makes complete silver recovery possible. Next, the

**Digital** PIC system makes a **digital** record of each **image** . Once the **image** data is captured, color data and exposure settings are established on a pixel-by-pixel...

...development is accomplished in less than ten minutes after the film is fed into the **image** -capture engine.

**Digital** PIC creates a unique DigiPIX CD. DigiPIX offers consumers tremendous flexibility for communicating with images...

...and low-resolution image files that provide the consumer a convenient avenue to share their **images** in many ways. **Digital** PIC allows for consistent **image** quality, and is Internet and Broadband ready. Configurations for **Digital** PIC technology include photo kiosks, microlabs, backoffice workstations, backlabs, and quick print stations.

About Camera...

...imaging markets. Additionally, ASF directly distributes Adobe(R) Photoshop(R) compatible plug-ins for automatic **image** correction and enhancement.

In addition to ASF's **Digital** PIC technology, ASF's product portfolio consists

of the Digital ICE3 film scanner suite, Digital...

...ICE and

Digital ROC for photo prints, Digital ROC plug-in for color restoration and **Digital** SHO(TM) plug-in for revealing details of dark **image** -areas. More information can be found on ASF's Web site at [www.asf.com](http://www.asf.com)...

21/6,K/65 (Item 2 from file: 610)

DIALOG(R)File 610:(c) 2005 Business Wire. All rts. reserv.

00452292 20010130030B0726 (USE FORMAT 7 FOR FULLTEXT)

**Professional Photographers Embrace PhotoAccess' Turnkey Digital Photo Finishing Service Model-New Professional Photographer Program Offers Immediate Value by Delegating Web, Storage, Ordering, and e-Commerce Duties to Applications Service Provider...**

Tuesday, January 30, 2001 09:06 EST

WORD COUNT: 865

...method for customers to see pictures as well as make it simple for them to **order** and pay for their favorite **prints** ."

"In three to four weeks I anticipate I'll be servicing clients faster and collecting...

...unique access codes. Each on-screen

photo has the company's custom watermark and every **order** is immediately **confirmed** with the studio and customer.

Professional photographers receive detailed statements of monthly transactions and can check **orders** at anytime with the browser-based customer inquiry system.

Pricing and Availability

Professional Photographers interested...

...and cost-effective  
e-commerce Web site, hosted by PhotoAccess.com, that offers consumers  
exceptional **digital** photo **prints** and merchandise, online **image**  
management,  
permanent storage, **ordering**, and delivery options. PhotoAccess also  
provides  
customization and licenses its technologies to a variety of...

**21/6,K/66 (Item 1 from file: 636)**

DIALOG(R) File 636:(c) 2005 The Gale Group. All rts. reserv.

05985020 Supplier Number: 130057238 (USE FORMAT 7 FOR FULLTEXT)  
**NEC LCD Technologies ac21.3-Inch LCD with RGB LED back-light technology.**  
March 10, 2005  
Word Count: 1288

... matching between the display screen and other input and output  
("I/O") equipment such as **digital** cameras, **image** scanners or printers  
is necessary. In addition, the tuning range of the white balance of...

...color space efficiently to date. Therefore, designers and color proofing  
operators have been forced to **print** test sheets repetitively in **order**  
to **confirm** whether the intended appropriate color has been actually  
reproduced or not. Thus, display units supporting...

**21/6,K/67 (Item 2 from file: 636)**

DIALOG(R) File 636:(c) 2005 The Gale Group. All rts. reserv.

05758146 Supplier Number: 114638592 (USE FORMAT 7 FOR FULLTEXT)  
**Find out how to get 50 of the best PhotoBox prints from your new digital  
camera - for free!; 50 free prints for new digital camera owners from  
www.photobox.co.uk.**  
March 26, 2004  
Word Count: 842

... s leading online digital photography service, which allows users to  
store, share and print their **digital images** online has a great  
incentive for those keen to see what their new digital cameras...

...and involves no obligation - register at [www.photobox.co.uk](http://www.photobox.co.uk)

When you have received your **confirmation** email, all you need to do  
is go online and place your free **print order**. Maybe even get creative  
as well - there are a whole range of items such as...

...6"x4" and 5"x3.75". This offer does not include postage and packaging.  
Free **prints** do not apply to Pro Gallery **orders**. All standard terms and  
conditions apply (<http://www.photobox.co.uk/legal>). Free prints will...

...The company is chaired by Colin Glass who has considerable related  
experience.

PhotoBox customers can **order** photographic **prints** up to poster  
sizes and a wide range of gifts products including greeting cards and  
calendars featuring their own **digital images**. Each customer is given up

to 100MB of free online **digital image** storage. In addition, PhotoBox users can share **images** with friends and family online, and can even send pictures to mobile phones.

PhotoBox Awards...

**21/6,K/68 (Item 3 from file: 636)**

DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

05599738 Supplier Number: 105930331 (USE FORMAT 7 FOR FULLTEXT)

**Kodak Professional expands ProShots system offerings to include complementary products and services**, training, e-commerce credits; \$249 now buys special access to 'partners,' covers equal amount of transaction fees.

July 28, 2003

Word Count: 1191

... ProShots system, and it supports two of Kodak's four "Critical Few" business strategies: making **digital** imaging easier, and increasing the volume of printed **images**.

Photographers who register for or renew a ProShots system membership now enjoy special access to...and business workflows.

Kodak ProShots System v6.0 offers a number of important enhancements:

- \* Batch **order** proof **prints** Proof **prints** or proof pages from digital camera files can be batch- **ordered** in a single transaction for increased efficiency in the studio.

- \* Combine, split and reorganize proofs...services to increase sales per event or sitting.

Other improvements allow zooming and cropping within **digital** templates. Templates and **images** in the album builder are available to create and present **digital** albums to customers.

Better navigational features permit faster toggling between screens for greater productivity. New on-screen status bars allow photographers to check the progress of **order** transmissions, which provides **confirmation** that the **order** has been successfully received.

For more information about the operational capabilities and all of the...with digital and traditional products and services; Health, supplying the healthcare industry with traditional and **digital image** capture, storage and output products and services; Commercial Imaging, offering image capture, output and storage...

**21/6,K/69 (Item 4 from file: 636)**

DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

05500192 Supplier Number: 98270930 (USE FORMAT 7 FOR FULLTEXT)

**Enhanced Kodak ProShots System gives pro photographers more tools that improve connections with customers, labs; Software, training, online service improvements speed studio workflows.**

March 3, 2003

Word Count: 1020

... Streamlining the Studio

Kodak ProShots System v6.0 offers a number of important enhancements:

- \* Batch **order** proof **prints** Proof **prints** or proof pages for



digital camera files can be batch- **ordered** in a single transaction for increased efficiency in the studio.

\* Combine, split and reorganize proofs...services to increase sales per event or sitting.

Other improvements allow zooming and cropping within **digital** templates. Templates and **images** in the album builder are available to create and present **digital** albums to customers.

Better navigational features permit faster toggling between screens for greater productivity. New on-screen status bars allow photographers to check the progress of **order** transmissions, which provides **confirmation** that the **order** has been successfully received.

"These enhancements help portrait, wedding and other photographers reap the greatest...The company is a major participant in "infoimaging," a \$385 billion industry composed of devices ( **digital** cameras and PDAs), infrastructure (online networks and delivery systems for **images** ) and services & media (software, film and paper enabling people to access, analyze and print images...8 billion, is organized into four major businesses: Photography, providing consumers, professionals and cinematographers with **digital** and traditional products and services; Commercial Imaging, offering **image** capture, output and storage products and services to businesses and government; Components, delivering flat-panel...

...and sensors to original equipment manufacturers; and Health, supplying the healthcare industry with traditional and **digital image** capture and output products and services.

For information about Kodak Professional, customers may call: 1...

21/6,K/70 (Item 5 from file: 636)

DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

04662099 Supplier Number: 62200882 (USE FORMAT 7 FOR FULLTEXT)  
**PhotoBox delivers high quality prints for digital camera owners via the Internet; PhotoBox provides the missing link to make digital cameras universally accessible for the mass market.**

May 19, 2000

Word Count: 1060

... create your own albums. Then you simply select the photos you want and place the **order** online. **Prints** are produced using state of the art digital imaging technology on high quality photographic paper...executive Graham Hobson says: "Digital photography offers many benefits over conventional, you can store the **digital** data which is less vulnerable, manipulate the **images** and there is no film cost. With the addition of the PhotoBox service, we can...like for free and can view them before deciding which to keep. Similarly, when you **order** the **prints** via the PhotoBox web site, you only **order** the **prints** you want. Also, because you know which pictures are good, you can order multiple copies are the most efficient way of transmitting and storing **digital images** on the Internet. Alternatively, professional- quality **images** (usually bitmap files) of several megabytes in size can be converted to JPG, using one...of the location and login details for the shared album, they can then view and **order prints** directly.

How long will PhotoBox keep my photo albums five and should I keep backup files?

If no **prints** have been **ordered** by a customer in six months,

PhotoBox will send you an email before archiving your **images** to tape. We do recommend that you archive your own **digital** files for **images** you want to keep.

Is the site secure for online transactions?

PhotoBox uses a leading...

...secure trading and secure links.

What order traceability and guarantees does PhotoBox provide?

When an **order** is placed for **prints**, PhotoBox sends the customer a **confirmation** of **order** by email. We also use an effective barcode tracking system to ensure a highly reliable service and despatch all **orders** by first class post.

Can orders be despatched to other addresses including outside the UK

...

21/6,K/71 (Item 6 from file: 636)

DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

04406545 Supplier Number: 55457058 (USE FORMAT 7 FOR FULLTEXT)

**KODAK: Kodak offers Quick Prints service for easy on online ordering of pictures.**

August 16, 1999

Word Count: 289

(USE FORMAT 7 FOR FULLTEXT)

**KODAK: Kodak offers Quick Prints service for easy on online ordering of pictures.**

TEXT:

M2 PRESSWIRE-16 August 1999-KODAK: Kodak offers Quick **Prints** service for easy online **ordering** of pictures (C)1994-99 M2 COMMUNICATIONS LTD  
... prints on photo paper

ROCHESTER, N.Y. -- Kodak today announced the release of Kodak Quick **Prints** -- convenient online service that allows consumers to quickly upload and **order** high-quality **prints** of their **digital images**. Quick **Prints** from Kodak PhotoNet™ Online Print Service solves the dilemma many digital camera users have faced for years how to easily print **digital images** on high-quality photographic paper.

The Quick Prints service is browser-based and does not...  
...of products from prints in a variety of sizes to unique photo gifts. Consumers can **order** one **print** or as many reprints and gifts as needed. The price is \$0.75 for a 4x6 **print** plus shipping and handling ( **order** minimum pricing may be in effect). After entering billing and shipping information, the consumer will immediately receive an **order confirmation** number. Estimated upload time for a megapixel image is two minutes with a 28.8K...

...mail.

"Quick Prints make picture-taking more convenient than ever before, allowing consumers to easily **order** photo-quality **prints** of their **digital images** by following just a few simple steps," explained Cynthia Heigold, Product Manager, Online Print Services...

21/6,K/72 (Item 7 from file: 636)

DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

03699609 Supplier Number: 47983400 (USE FORMAT 7 FOR FULLTEXT)

**KODAK: Kodak gives digital camera users an easy way to order prints on-line**

Sept 16, 1997

Word Count: 637

(USE FORMAT 7 FOR FULLTEXT)

**KODAK: Kodak gives digital camera users an easy way to order prints on-line**

TEXT:

M2 PRESSWIRE-16 September 1997-KODAK: Kodak gives digital camera users an easy way to **order prints** on-line (C)1994-97 M2 COMMUNICATIONS LTD

RDATE:150997

\* New Kodak software provides entry point to Kodak **Image** Magic Print Service

With today's launch of the Kodak **Digital** Science DC210 zoom camera, Eastman Kodak Company is also giving digital camera users a way...

...picture easy 2.0 software, which ships with the new camera, DC210 camera users can **order** prints and enlargements directly from the Kodak **Image** Magic **print** service.

Once they've opened their **digital images** in picture easy 2.0 software, users can simply select the "Connect to Kodak's...

...quantity of prints that they want, and provide shipping and billing information to complete the **order**. Users will be able to **order** 4- x 6-inch **prints** and a wide range of enlargement sizes, which are suitable for framing. The **digital** pictures are printed on Kodak Ektacolor paper.

The Kodak **Image** Magic print service complements the new Kodak picture network, which is also accessible through Kodak...

...easy 2.0 software.

"Kodak recognizes that hard-copy prints are no less valuable for **digital images** than they are for **images** on film, so we're committed to giving users easy ways to get high-quality...

...to the print service, lets people design compelling image creations on their computers and then **order** photographic-quality **prints** and other high-quality gifts. Originally, the software was announced in September 1996, and Microsoft...

...the award-winning application, Picture It! 2.0, last week.

Once they're at the **Image** Magic **print** service **order** screen--either through Kodak **Digital** Science picture easy 2.0 or Microsoft Picture It! software--users simply provide a credit card number (which will be encrypted to ensure security) and electronically send the **order** to Kodak via the Internet. Kodak will send an e-mail message back **confirming** that an **order** has been received, including the total amount of the **order** and the expected shipping date. A second e-mail message will notify the consumer when the **order** has been shipped.

The Kodak Image Magic **print** service is available in the U.S. through Kodak Digital Science picture easy 2.0...

...Kodak products and services is available on the Internet at <http://www.kodak.com>.

Kodak, **Image** Magic, **Digital** Science and the ds monogram symbol are

trademarks of Eastman Kodak Company.

\*M2 COMMUNICATIONS DISCLAIMS...

**21/6,K/73 (Item 1 from file: 2)**

DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts. reserv.

07991621 INSPEC Abstract Number: B2001-09-6135-139, C2001-09-5260B-221

**Title: Digital halftoning with optimized dither array**

Publication Date: 2001

Copyright 2001, IEE

Abstract: The paper presents the new design method of the **ordered** dither array based on a simulated annealing. The obtained **ordered** dither array is appropriate for press **printing**. Because of several physical reasons, halftoning for press printing has more difficulties than halftoning for...

... Because too much dot-gain and dot-loss exist, the tonal characteristics of actual printed **images** will change excessively from the logical tone of **digital** halftone **images**. This is one of the main reasons why dispersed-dot stochastic screens are seldom used...

... in visual quality, and are comparable to the conventional AM screens in press printability are **confirmed**.

**21/6,K/74 (Item 1 from file: 583)**

DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

09146534

Kodak Offers Quick Prints Service

US: KODAK OFFERS NEW SERVICE

12 Aug 1999

... allows users of digital cameras to get prints on photo paper. Users can upload the **digital images** to Kodak, which will supply **print** on photo paper. Consumers can **order** one **print** or as many reprints and gifts as needed. The price is \$0.75 for a...

... shipping and handling. After entering billing and shipping information, the consumer will immediately receive an **order confirmation** number. Estimated upload time for a megapixel image is two minutes with a 28.8K...  
?